

Dr.M.H.M.G.N.H. Library

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**Dr. M. H. Marigowda National Horticulture Library**

Directorate Of Horticulture Lalbagh,  
Bangalore - 560 004

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1<sup>st</sup> December 1972

## ALTERATIONS IN PRICES

### SINCE THIS CATALOGUE WAS PUBLISHED.

## E R R A T A .

Page 15	For Rs. 32-8 and 37-8 read Rs. 37-8 and 42-8.	Page 41	For Rs. 13, 14, 15 and 16 read Rs. 13-8, 14-12, 16 and 17-4.
" 16	" " 41-8 and 45 read Rs. 45 and 50.	" 41	" " 15 read Rs. 14.
" 16	" " 72-8 read Rs. 80.	" 41	" " 28 per cwt. read Rs. 14 to 21 and for Rs. 20 read Rs. 14 to 21.
" 17	" " 77-8 and 115 read Rs. 90 and 130.	" 41	" " 13-8 read Rs. 12-8.
" 19	" " 155 read 170.	" 41	" " 14-4 and 32-8 read Rs.
" 19	" " 240 and 280 read Rs. 245 and 270.	" 46	" " 575 read Rs. 310 and
" 19	" " 400 and 450 read Rs. 475 and 500.	" 46	" " 560 read Rs. 600.
" 21	" " 160, 185 and 225 read Rs. 200, 225 and 250.	" 47	" " 550 and 625 read Rs. 725 and 825.
" 25	" " 175, 87-8 and 197-8 read Rs. 190, 100 and 215.	" 47	" " 550 and 625 read Rs. 600 and 725.
" 25	Add Fountains Nos. 22, 23, 24, 39, 43, 44, 45, Rs. 32-8, 37-8, 85, 2,000, 400, 190, 1,900.	" 48	" " 675, 900, 1,100, 1,300 read Rs. 875, 1,100, 1,175 and 1,225.
" 27	For Rs. 16, 17 and 18 read Rs. 17-12, 18-12 and 19-12.	" 48	Add for 8 Screw Bell Chucks Rs. 32-8, 42-8, 52-8, 57-8, 65, 75.
" 27	" " 8-12 read Rs. 10-8 and for Rs. 9-8 read Rs. 11	" 48	" " 6, 8, 10, 12, 14, 16 and 18 inches size of Lathes.
" 27	" " 40 " " 56-8 " " " 45 " " 60	" 50	For Rs. 465, 650, 780 and 575 read Rs. 485, 725, 825 and 900.
" 27	" " 21 " " 37-8 " " " 27 " Rs. 43-8	" 52	" " 675 read Rs. 700 and for Rs. 245 read Rs. 235.
" 29	" " 20, 25, 27-8, 32, 35 and 40 read Rs. 22-8, 27-8, 30, 35, 38-8 and 45.	" 54	" " 47-8, 57-8, 70, 85 and 100 read Rs. 45, 52-8, 65, 80, 92-8 and 110.
" 29	Add " 35 and 50 for 12" and 18" "Excelsior" Hand Lawn Mower.	" 54	Add " 45 for 26" Bellows.
" 29	For " 45, 60, 80 and 97-8 read Rs. 52-8, 70, 95 and 110.	" 55	For " 145 and 157-8 read Rs. 155 and 162-8.
" 29	" " 170 and 275 read Rs. 175 nad 265.	" 56	" " 22-8 read Rs. 17-8 per cwt.
" 32	Add " 17 for $\frac{1}{2}$ " $\times$ 22 Gauge Wire Netting.	" 56	" " 19, 17-8, 15-8, 13-8, 13, 12, 12 read Rs. 20, 18-8, 17, 16, 15, 14, 14.
" 32	For " 22-8, 15, 13, 9-4, 9-4 and 7-8 read Rs. 20, 13-8, 12-4, 8-4, 8-4 and 6-12.	" 57	" revised prices see outside sheet of this list.
" 34	" " 10-8 and 12 read Rs. 12 and 12-8.	" 60	For Rs. 130 read Rs. 150.
" 35	" " 9-12, 10-12 and 11-12 read Rs. 10-8, 11-8 and 12-8.	" 60	" " 60, 80, 115 read Rs. 50, 90, 105.
" 35	" " 16-8 and 17-8 read Rs. 16 and 17.	" 61	" Tons 5 read 6.
" 35	" " 16-8 and 17-12 and 19 read Rs. 16, 17 and 18.	" 61	" Rs. 13-8 read Rs. 19 and
" 35	" " 18-8 and 20 read Rs. 20 and 21.	" 61	" " 36, 42-8, 55, 60, 75, 95 read Rs. 45, 50, 60 72-8, 82-8 and 120.
" 36	" " 13-8 and 15-8 read Rs. 17-8 and 18-8.	" 62	" " 100, 115, 170, 210 read Rs. 95, 120, 175, 225.
" 36	Add " 19-8 for No. 6.	" 62	" " 120, 135, 200, 235, 360 read Rs. 145, 200, 240, 400.
" 37	For " 20-4 read Rs. 18.	" 63	" " 22, 47-8, 60 and 80 read Rs. 25, 45, 60 and 85.
" 37	" " 9, 10-8 and 12 read 10-8, 12 and 13-8.	" 65	" " 36, 38, 57-8 read Rs. 32-8, 40 and 60.
" 37	" " 19-8 and 21 read Rs. 21 and 22-8.	" 65	" " 47-8, 65 read Rs. 50 and 70.
" 38	" " 16-12 read Rs. 16.	" 67	" " 25, 47-8, 80 read Rs. 19-12, 35, 62-8.
" 39	" " 16-12, 17-8 and 18-12 read Rs. 17-8, 19 and 21.	" 67	" " 35, 60, 125 read Rs. 29, 42, 90.
" 39	" " 15 and 20 read Rs. 17-8 and 22-8.	" 67	" " 32-8, 65, 103 read Rs. 25, 50 and 92.
" 40	" " 8, 9-4, 14, 17, 21, 33, 16, 20 read Rs. 8-12, 10, 14-8, 17-8, 22-8, 34, 16-8, 21.	" 67	" " 47-8, 85, 140 read Rs. 39-8, 63-12 and 128-4.



## ERRATA—contd.

Page 68	For Rs. 1-8, 1-10, 1-12, 2, 2, 3 read Rs. 1-4, 1-4, 1-8, 1-8, 1-12 and 2-4.	Page 99	For Rs. 3-8 read Rs. 4.
" 68	" " 4-8, 5 and 7 read Rs. 4, 4-8 and 6-12.	" 99	" " 4-12 read Rs. 5.
" 69	" " 2-8, 2-12, 3-8, 4 and 5-4 read Rs. 2-12, 3, 3-14, 4-6 and 5-8.	" 103	" " 18 read Rs. 17-8.
" 69	" " 4, 4-12, 5-8, 7-4, 9 and 14 read Rs. 4-8, 5, 5-12, 7-14, 10-8, 13-8.	" 103	" " 14-8, 17-8 and 21 read Rs. 13-8, 16 and 20.
" 69	" " 5-4, 8-12 and 15 read Rs. 5, 10 and 13-8.	" 104	" " 10-8, 11, 11-8, 12, 15, 18, 21, 27, 30, 33 read Rs. 11-4, 12, 12-12, 13-8, 17-8, 19, 22-8, 29, 31, 35.
" 69	" " 8, 10-8, 17-8 and 20 read Rs. 8-8, 10, 17 and 21.	" 105	" " 2-2 read Rs. 2-8.
" 69	" " 23-8 and 32 read Rs. 21 and 30.	" 105	" " 2-8 and 3 read Rs. 2 and 2-8.
" 70	" " 1-6, 1-8, 1-12, 2, 2-6, 3-4, 4-8, 6, 7-12, 9-4, 11-8, 16, 24 and 30 read Rs. 1-2, 1-6, 1-8, 1-12, 1-14, 2-8, 3, 4-12, 5-12, 8-4, 9, 17-8, 24 and 29.	" 105	" " 0-10, 0-14 and 1-14 read Rs. 0-14, 1 and 2-8.
" 70	" " 12, 12, 12, 14, 16, 18, 20, 24, 27-8, 40, 50 read Rs. 10, 10-8, 11, 12-8, 14, 16-8, 19, 22-8, 25, 35, 45.	" 106	" " 2-4, 2-8, 2-12 and 3 read Rs. 1-10, 1-12, 1-14 and 2.
" 70	" " 10, 10-8, 11-4, 11-12, 13-12 read Rs. 9-4, 9-8, 10-12, 11-12 and 13.	" 106	" " 9-8, 10-8 and 13-8 read Rs. 8-12, 9-12 and 13.
" 70	" " 8-8, 9, 10-8, 11-4, 13 and 14-8 read Rs. 7-12, 8, 9-8, 10-8, 11-12 and 13.	" 106	" " 1-2 read Rs. 1-4, and for Rs. 1-8 each read Rs. 21 doz.
" 74	" revised prices see outside sheet of this list.	" 106	" " 1-12 each read Rs. 22-8 doz.
" 87	" Rs. 50 read Rs. 55.	" 106	" " 3-12, 4-8, 4-12 and 5-4 read Rs. 4-4, 5, 5-8 and 6-4.
" 87	" " 39, 39 and 54 read Rs. 40, 42 and 60.	" 107	" " 1-10, 1-14, 2 and 2-8 read Rs. 1-14, 2-4, 2-8 and 2-12.
" 89	" " 1, 1-2 and 1-4 read Rs. 1-2, 1-4 and 1-8.	" 107	Add " 1-8, 1-10, 1-12 and 2 for 18", 20", 22" and 24" 2nd quality.
" 89	" " 10-8, 11-8, 11-12, 14, 16, 17-8 and 20 read Rs. 10, 10-8, 11, 12, 13-8, 15 and 18.	" 107	For " 7-4, 7-12, 8-8 and 9-4 read Rs. 7-12, 8-12, 9 and 10-8.
" 89	" " 10-8, 11-4 and 11-12 read Rs. 11, 11-12 and 12-4.	" 107	" " 10 and 11 read Rs. 11-12 and 14-8.
" 89	" " 1-2, 1-4, 1-6 and 1-10 read Rs. 1-4, 1-8, 1-10 and 1-14.	" 107	" " 11-8, 18-8, 46 read Rs. 11, 17-8 and 42-8.
" 89	" " 0-14, 1 and 1-2 read Rs. 1, 1-4 and 1-8.	" 109	" " 24 read Rs. 21.
" 90	" " 1-4 read Rs. 1-8 and for Rs. 1-14 read Rs. 2 and for Rs. 2-2 and 2-10 read 2-8, 2-12.	" 110	" " 20, 20, 21 and 22-8 read Rs. 21, 21, 22 and 22.
" 90	" " 1-12 read Rs. 2 and for Rs. 2-10, 3-10 and 4-2 read Rs. 3, 3-12 and 4-4.	" 110	" " 1-8, 1-10, 2, 2-8, 3-4 and 4-8 read Rs. 1-8, 2, 2-8, 3-4, 4-8 and 5-8.
" 90	" " 4-4, 4-4 and 4-8 read Rs. 4-8, 4-12 and 5.	" 110	" " 35 read Rs. 33.
" 90	" " 1-14 read Rs. 2.	" 110	" " 50 and 70 read Rs. 47-8 and 60.
" 91	" " 3-8, 4, 4-4, 4-12 and 5-8 read 2-12, 3-4, 4, 4-8 and 5.	" 116	" " 30 read Rs. 27.
" 92	" " 6 read Rs. 6-4.	" 116	" " 62-8 read Rs. 57-8.
" 92	" " 1-8 read Rs. 1-12.	" 116	" " 40 read Rs. 45.
" 93	" " 15, 13-8, 10, 10, 10, 10, 10-8, 10-8, 10-8, 10-8 and 10-8 read Rs. 13, 12-12, 9, 9, 9, 9, 9, 11, 11, 11 and 11.	" 117	" " 30 " " 25.
" 93	" " 14-8, 11-8, 10-8, 10-8, 10-8, 10-8, 11-8, 11-8 and 11-8 read Rs. 15, 14, 13-8, 13-8, 14-8, 14-8, 14-8, 14-8 and 14-8.	" 120	" " 7-4 " " 6-8.
" 93	" " 16-8, 15-12 and 15 read Rs. 14, 13-12 and 13-8.	" 123	" " 22 " " 18-8.
" 93	" " 14-8, 14 and 13-8 read Rs. 14-4, 14 and 13-12.	" 123	" " 27-8 " " 22-8.
" 95	Prices on application. Prices herein cancelled.	" 125	" " 8-8 " " 7-8 and for Re. 1-8 read Re. 1-2.
" 96	For Rs. 24 read Rs. 22-8.	" 125	" " 12 " " 12-8.
" 99	" " 2-4 read Rs. 2-10.	" 125	" " 25-8 read Rs. 25.
		" 126	" " 15 and 17-8 read Rs. 14 and 16-8.
		" 126	" " 30 read Rs. 28-8.
		" 127	" " 32-8 " " 52-8.
		" 127	" " 55 " " 60.
		" 128	" " 12-8 and 15 read Rs. 13-8 and 16.
		" 128	" " 12-8 " " 14-8.
		" 128	" " 22-8 " " 25.
		" 129	" " 75 read Rs. 80.
		" 129	" " 300 " " 335 and for Rs. 7-8, 7-8 and 10 read Rs. 10, 12-8, and 15.
		" 130	" " 37-8 read Rs. 45.
		" 130	" " 40 " " 45 and for Rs. 45 read Rs. 50.



## ERRATA—concl'd.

Page 130 For Rs. 50 read Rs. 65.

„ 130 „ „ 55 „ „ 65.

„ 131 Prices on application. Prices herein cancelled.

„ 133 For Rs. 1-8 and 1-12 read Rs. 1-12 and 2-8.

„ 133 Add „ 30, 40, 50, 60, and 80.

„ 133 For „ 3, 4, 5, 6 and 8 inch. C. I. Sluice Valves,  
Flanged.

„ 133 Add „ 40, 50 60, 75 and 95.

„ 133 For 3, 4, 5, 6 and 8 inch. Sluice Valve with Spigot and  
Socket.

„ 134 „ Rs. 1-10, 3-10, 4, 11, and 16-8 read Rs. 19-8, 33,  
56, 132 and 180 per dozen.

„ 134 „ „ 4-10, 6 and 8 read Rs. 39, 48 and 84 per doz.

„ 134 „ „ 1-8, 2-8, 3-12 and 7-8 read Rs. 18, 28, 42-8  
and 84 per doz.

„ 135 „ „ 7-8 and 10 read Rs. 6-4 and 11-4.

„ 137 „ „ 45 and 60 read Rs. 65 and 77-8.

„ 137 „ „ 50 and 67-8 read Rs. 70 and 85.

„ 138 „ „ 100 read Rs. 75 for No. 268.

„ 138 „ „ 75 „ „ 55 „ „ 6B.

„ 138 „ „ 17-8 „ „ 16-8 for No. 6 B. for Register  
Grates.

„ 141 „ „ 600 read Rs. 650.

„ 141 „ „ 750 „ „ 800.

„ 144 „ „ 67-8 and 90 read Rs. 75 and 95.

„ 144 Add „ 25 for No. 1, W. I. Wheelbarrow.

„ 146 For „ 4-14 to 5-2 read Rs. 5 bundle.

„ 146 „ „ 27-8 read Rs. 24.

„ 146 „ „ 10-8, 11-8, 15-0, 16-12, 18-8 and 22-8 read  
Rs. 10-0, 11-0, 13-8, 15-0, 17-8 and 20-0.

„ 147 „ „ 9-0 and 10-8 read Rs. 10-8 and 12.

„ 147 „ „ 22-8 „ „ 24.

„ 147 „ „ 0-8 and 0-10 „ „ 0-12 and 1-0.

„ 147 „ „ 22-8, 25-0, 28-0, 34-0, 36-0 and 42-8  
read Rs. 24-0, 27-8, 30-0, 36-0, 42-0 and 48.

„ 148 All prices cancelled. Current rates on application.

„ 152 For Rs. 47-8, 70, and 100 read Rs. 57-8, 80 and 105.

Page 155 Prices on application. Prices herein cancelled.

„ 156 Prices of Iron and Brass Wood Screws, on outside sheet  
of this list.

„ 158 For Rs. 14-8, 17-8 and 22-8 read Rs. 16-8, 19-8 and  
25.

„ 158 „ „ 8, 9-8 and 12-8 read Rs. 8-4, 11-8 and 13-8.

„ 158 „ „ 8, 9-8 and 12 read Rs. 9, 10-8 and 13.

„ 158 „ „ 14-8 read Rs. 16-8.

„ 159 „ „ 32-8 and 37 read Rs. 30 and 35.

„ 159 „ „ 20, 24 and 30 „ „ 18-8, 22-8 and 27-8.

„ 160 „ „ 22, 25 and 30 „ „ 22-12, 26-4 and 32.

„ 160 „ „ 22, 25 and 30 „ „ 22-12, 26-4 and 32.

„ 160 Price of Window Glass cancelled. Prices on application.

„ 161 For Rs. 45 and 42-8 read Rs. 47-8 and 45.

„ 161 „ „ 50 and 47-8 „ „ 55, 50.

„ 164 „ „ 50 read Rs. 52-8, and add Rs. 15 per pair for  
Spare Rollers.

„ 166 „ „ 38 and 37-8 read Rs. 42-8 and 42-8.

„ 166 „ „ 57-8 read Rs. 62-8.

„ 166 „ „ 95 „ „ 105.

„ 168 „ „ 200, 300 and 270 read Rs. 175, 290 and 265.

„ 168 „ „ 58 and 60 read Rs. 62-8 and 65.

„ 173 „ „ 275 and 350 „ „ 450 and 525.

„ 178, 179 and 180 Special list on application.

„ 182 For Ans. 14 read Re. 1.

„ 182 „ Rs. 4-4 „ Rs. 5-12.

„ 182 „ „ 3-12 „ „ 4.

„ 182 „ „ 6-4 „ „ 6-12.

„ 183 „ „ 1-4, 1-14 and 2-4 read Rs. 1-8, 2-4 and 2-8.

„ 184 „ „ 15-8 read Rs. 16-8.

„ 187 „ „ 16 and 17 read Rs. 19 and 18.

„ 189 „ „ 3-14, 5-4, 6-12, 12-8 read Rs. 4, 6-4, 9-4 and  
14-8.

„ 198 „ „ 330 read Rs. 325.

„ 200 „ „ 18 „ „ 21.

„ 200 „ „ 23 „ „ 27-8.

„ 200 „ „ 7 „ „ 5-12.

## SPECIAL CATALOGUES

OF

TEA GARDEN STORES,  
LAMP & LANTERNS,  
HOUSE FURNISHING IRONMONGERY,

CYCLES & CYCLEALITIES,  
SPORTING GEAR OF ALL KINDS,  
TYPEWRITERS & DUPLICATORS.

ETC., ETC., ETC., ON APPLICATION.

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W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## FILES.

For Engineers, Fitters, Blacksmiths, Brass-founders and Carpenters.

Length				6	8	10	12	14	16	18	inches.	
Flat	Files	} Rough and Bastard Cut	...	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	per doz	
Half Round	"		} Second Cut	...	2 4	3 6	4 12	6 14	9 10	13 12	19 8	"
Round	"			...	2 10	3 14	5 8	7 12	10 10	15 0	21 0	"
Square	"			...	3 2	4 6	6 2	8 8	11 8	16 10	23 12	"
Hand	Files	} Round and Bastard Cut	...	2 12	4 0	5 12	8 0	11 8	16 0	21 12	"	
Three-Square	"		} Second Cut	...	3 2	4 6	6 6	8 10	12 8	17 10	24 0	"
	"			...	3 12	5 0	7 6	9 10	13 8	20 4	27 0	"
Diameter of Round and Square Files				...	1/4	3/8	1/2	5/8	3/4	7/8	inches.	

## Black Wrought-iron Tubes in lengths of about 15 feet.

Diameter	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	3 1/2"	4"
Tubes, wrought-iron, per ft.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Sockets, plain ... each.	0 1 6	0 2 3	0 3 0	0 3 9	0 4 6	0 5 9	0 6 3	0 10 6	0 12 1	0 1 0	1 0 1
" diminishing ... "	0 1 6	0 1 9	0 2 3	0 3 0	0 3 6	0 4 0	0 4 6	0 13 6	1 1 1	1 8 2	2 0 2
Bends ...	0 2 0	0 2 6	0 3 0	0 4 0	0 5 0	0 6 0	0 6 6	0 14 0	1 8 2	2 0 2	3 0 3
Tees and Elbows ...	0 4 0	0 4 9	0 6 6	0 10 6	0 13 0	1 0 0	1 6 0	2 8 0	4 4 6	6 0 8	8 0 10
Flanges ...	0 4 0	0 4 9	0 6 6	0 10 6	0 13 0	1 0 0	1 6 0	2 8 0	4 4 6	6 0 8	8 0 10
Caps, plugs ...	0 1 9	0 2 9	0 2 9	0 3 9	0 4 9	0 5 6	0 7 3	0 14 0	1 4 1	1 10 2	2 0 3
Backnuts and nipples ...	0 6 0	0 8 0	0 12 0	0 14 0	1 2 0	1 8 0	2 0 0	5 6 0	10 4 14	8 17 0	17 0 21
Iron mains cocks ...	1 8 0	2 0 0	2 8 0	3 4 0	4 4 0	5 0 0	7 4 0	12 8 0	18 0 24	24 0 30	30 0 36
" " " with brass plugs ...	1 12 0	2 4 0	3 2 0	4 4 0	5 12 0	6 12 0	9 4 0	16 0 0	30 0 37	0 50 0	50 0 57

## GALVANIZED WROUGHT-IRON TUBES, in about 15 feet lengths.

Diameter	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	3 1/2"	4"
Galvanized Tubes ... per ft.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Sockets, plain ... each.	0 2 3	0 3 0	0 4 0	0 5 6	0 6 6	0 8 6	0 9 6	1 1 0	1 4 0	1 12 0	2 0 0
" diminishing ... "	0 2 0	0 2 6	0 3 0	0 4 0	0 5 0	0 6 0	0 6 6	...	...	...	...
Bends ...	0 3 0	0 3 6	0 4 0	0 4 9	0 6 0	0 7 6	0 9 0	...	...	...	...
Tees and Elbows ...	0 4 9	0 6 0	0 8 0	0 12 0	0 15 0	1 4 0	1 10 0	...	...	...	...
Crosses ...	0 10 0	0 12 0	1 0 0	1 4 0	1 12 0	2 4 0	3 0 0	...	...	...	...

## Wrought-iron Lap-welded Boiler Tubes in lengths of 16 feet.

2 1/2" diameter, As. 9-3 per ft.

2 3/4" diameter, As. 10-0 per ft.

3" diameter, As. 11-0 per ft.

## PATENT POINTED IRON WOOD SCREWS NETTLEFOLDS.

1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"
No. A. P.	No. A. P.	No. A. P.	No. A. P.	No. A. P.	No. Rs. A. P.	No. Rs. A. P.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.
2 3 0	4 4 6	5 5 0	6 7 0	6 8 0	8 0 9 6	10 0 11 0	12 1 0	12 1 4	16 2 8	20 6 0	24 10 0	24 10 0
3 3 6	5 4 9	6 5 3	7 7 6	7 8 3	9 0 10 0	11 0 11 6	13 1 2	14 1 6	16 2 4	18 3 8	22 7 0	26 11 8
4 3 9	6 5 0	7 5 6	8 8 0	8 8 6	10 0 10 6	12 0 12 0	14 1 4	16 1 12	18 3 4	20 4 0	24 8 0	28 13 8
5 4 0	7 5 3	8 5 9	9 9 0	9 8 9	11 0 11 0	14 1 2 0	16 1 8	18 2 4	20 3 12	22 4 8	26 9 0	30 14 8
...	8 5 6	9 6 0	10 9 6	10 9 0	12 0 11 6	16 1 6 0	18 2 0	20 2 12	...	24 5 0	...	...
...	...	10 7 0	12 10 6	12 10 0	14 1 0 0	18 1 12 0	20 0 0	...	...	...	...	...
...	...	...	...	14 11 0	16 1 2 0	...	...	...	...	...	...	...

Round Heads are charged two sizes higher than Flat Heads.

## PATENT POINTED BRASS WOOD SCREWS NETTLEFOLDS.

3/8" and 1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"
Per Gross.	Per Gross.	Per Gross.	Per Gross.	Per Gross.	Per Gross.	Per Gross.	Per Gross.
No. Rs. A. P.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.
4 0 11 6	4 1 0	6 1 6	6 1 10	10 2 4	12 3 2	10 3 4	12 5 0
5 0 12 6	5 1 1	7 1 7	7 1 12	12 2 8	14 4 0	12 3 12	14 5 8
6 0 14 0	6 1 2	8 1 8	8 1 14	14 3 2	16 4 8	14 4 4	16 6 0
7 1 2 0	7 1 4	9 1 9	10 2 0	16 4 0	18 5 4	16 5 4	18 7 8
.....	8 1 6	10 1 10	12 2 4	.....	.....	18 6 8	.....
.....	.....	12 2 0	.....	.....	.....	.....	.....

Round Heads are charged one size higher than Flat Heads.



IN PRESENTING A NEW EDITION of our Catalogue, which contains many lines in Hardware that merit careful attention, we beg to invite a scrutiny of our prices, and a comparison with those of other houses. This will show that we are cheaper than others, and a trial order will prove that our goods are of a superior quality and finish to those obtainable elsewhere.

IT SHOULD BE NOTED that weights and measurements are approximate, and that in some cases goods vary from the illustrations given.

ORDERS FROM THE MOFUSSIL always receive prompt and careful attention. Many of our Mofussil customers are unaware that when, being out of stock of the article ordered, we send a substitute; we do so at our own risk, and are always ready to take back the article substituted if not approved of, and to refund the price paid. At times we are asked how we dare send goods differing from those ordered, while at other times we are told that if we had taken a little more interest in the order we might have substituted such and such an article. It will always be impossible to meet everyone's wishes so long as we are three months' distance from the European manufacturing centres, unless we stock ten times the quantity of goods that the country demands. Our object in sending a substitute or doing otherwise is to please and give satisfaction to our customers, and when we have not been successful in this we are always glad to receive back the goods disapproved of and to refund the price paid.

DESPATCH OF GOODS. Customers will please note that in most cases our goods are too heavy to go by post (dak), and that the nearest Railway Station or Steamer Ghat should be given in all orders.

CAREFUL PACKING AND IMMEDIATE DESPATCH GUARANTEED. Actual cost of packing and despatching charged.

OUR RESPONSIBILITY CEASES when we deliver goods to the transport companies and obtain their clean receipts or bills of lading. Consignees should satisfy themselves that their consignments are in good order and condition before taking delivery from the carriers.

### TERMS OF BUSINESS.

OUR TERMS ARE STRICTLY CASH and no credit will be given. The narrow margin of our profits will not allow it. Goods ordered from the Mofussil will go V. P. P., unless the orders are accompanied by remittances.

GOVERNMENT ORDERS are the only exceptions to the above rule.

### OUR ENGINEERING WORKS.

Our Engineering, Plumbing and Gas-fitting Works, at 41, Dharamtala Street, have recently been considerably extended and are under the charge of an experienced manager.

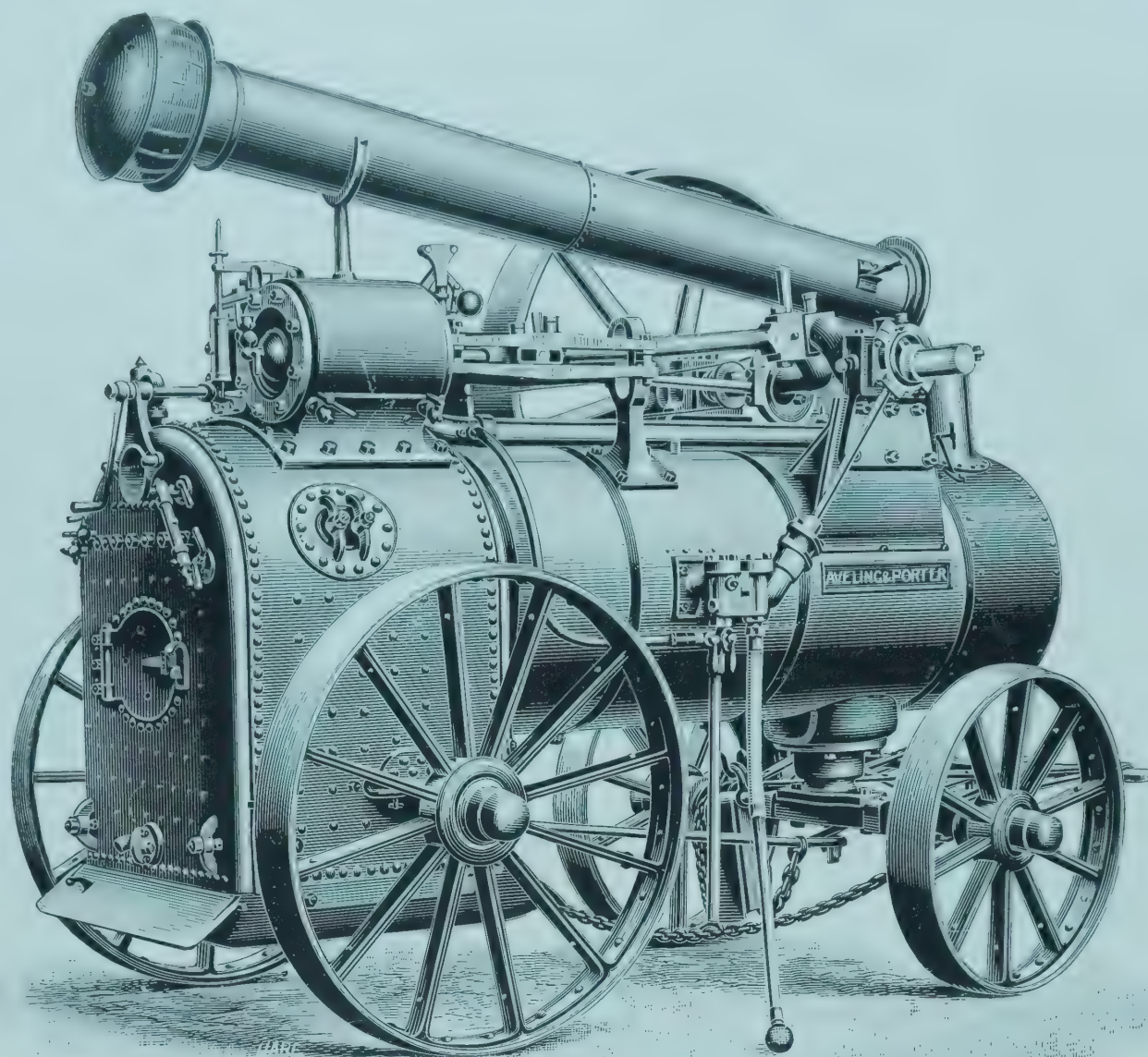
We have a large staff of workmen, and the machine shop is complete with machinery and tools. We are now manufacturing a number of articles which we used to import, and are thus saving a considerable amount by exchange alone. Any class of repair work is undertaken at moderate prices.

CALCUTTA,  
January, 1899.

**W. Leslie & Co.**



# AVELING AND PORTER'S PORTABLE ENGINE.



These Engines are of a very powerful as well as simple type of construction, and will develop three times their nominal power while running at a moderate speed. They are suitable for driving grinding and crushing mills, mortar mills, sawing and pumping machinery, cotton gins, and generally every purpose requiring the use of economical steam power.

The **Boilers** are of the most approved locomotive type, and as perfect in their construction as the best modern machinery and exacting care can make them.

The **Fire-Boxes** are made from plates of special quality mild steel; they are of quite unusual dimensions, so that, under ordinary circumstances, wood or refuse may be burnt in them.

The **Cylinders** are steam jacketted, and covered with felt, wood, and sheet iron, to check radiation. They are made of specially selected hard cast-iron.

The Engines are carried on **wrought-iron Wheels, and case-hardened Axles**. The Fore-carriage of wrought iron is strongly built, all rivetting being done under hydraulic presses; it is connected with the boiler or turn-table and admirably adapted for lessening resistance in turning.

## PORTABLE AND SEMI-PORTABLE ENGINES.

Nominal Horse-power.				Single Cylinder.		Double Cylinder.			
				8	10	10	12	16	20
Portable Engines	...	£		210	240	265	305	375	450
Semi-portable Engines	...	£		195	225	250	285	355	425

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually.



W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## VERTICAL ENGINES AND BOILERS COMBINED.

The Engines are strong and well finished, and are fitted with Tangye's high speed governors, equilibrium valve and stop valve combined, and turned fly wheels; the wearing surfaces are large and well arranged; the pumps are worked from crank shaft by eccentric.

The Boilers are made of mild steel plates, are complete with all fittings and mountings, and tested to 140 lbs. by hydraulic pressure. Having cross tubes and large heating surface, they generate a quick and copious supply of steam.

The Engine and Boiler are both fixed on a strong cast iron base forming a water tank, and are connected by steam and water pipes.

### PRICES AND PARTICULARS.

Diameter of Boiler.	Length of Stroke.	Diameter of Crank Shaft.	Diameter of Fly Wheel.	Revolutions per minute.	Height of Boiler.	Diameter of Boiler.	Number of Cross Tubes.	Heating Surface in Square Feet.	Price of Engine and Boiler with Tank Base.	Price of Engine only.	Extra if Cylinder covered with Sheet Steel and Brass Bands.
ft. in.	ft.	in.	in.		ft. in.	ft. in.			Rs.	Rs.	Rs.
2 0	10	2 1/2	20	200	6 6	2 0	2	53	1600-0	650-0	
2 6	12	2 3/4	30	160	7 6	2 6	3	74	1900-0	850-0	
3 0	14	3	45	150	8 6	3 0	3	98	2400-0	1050-0	
4 0	15	3 1/2	48	130	9 6	4 0	4	130	2900-0	1250-0	
4 6	17	4	54	120	11 6	4 6	4	160	3500-0	1600-0	

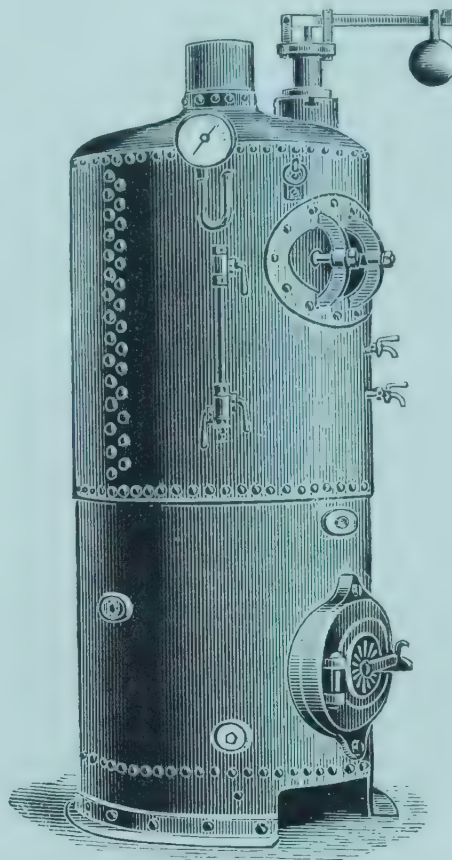
Prices are subject to fluctuation (see current Catalogue), and may be higher or lower.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DIHARAWTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## VERTICAL MILD STEEL BOILERS.

### CROSS-TUBE.



### VERTICAL MILD STEEL BOILERS.

Made of mild steel plates, are rivetted together by patent machinery, with chimney, lifting rings, fusible plug, longitudinal seams, double rivetted, and fittings and mountings. Passed by the National Boiler Insurance Co., for 80-lbs. working pressure, their certificate to be sent with our invoice.

Nominal H.P.	Height of Boiler.	Diameter of Boiler.	Number of Cross Tubes.	Price net cash, ex our Godown.
	ft. in.	ft. in.		Rs.
4	6 6	2 9	2	725-0
6	7 6	3 3	3	850-0
8	8 6	3 6	3	1050-0
10	9 0	4 0	4	1250-0
12	11 0	4 0	4	1600-0
14	12 0	4 3	4	1850-0

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually.

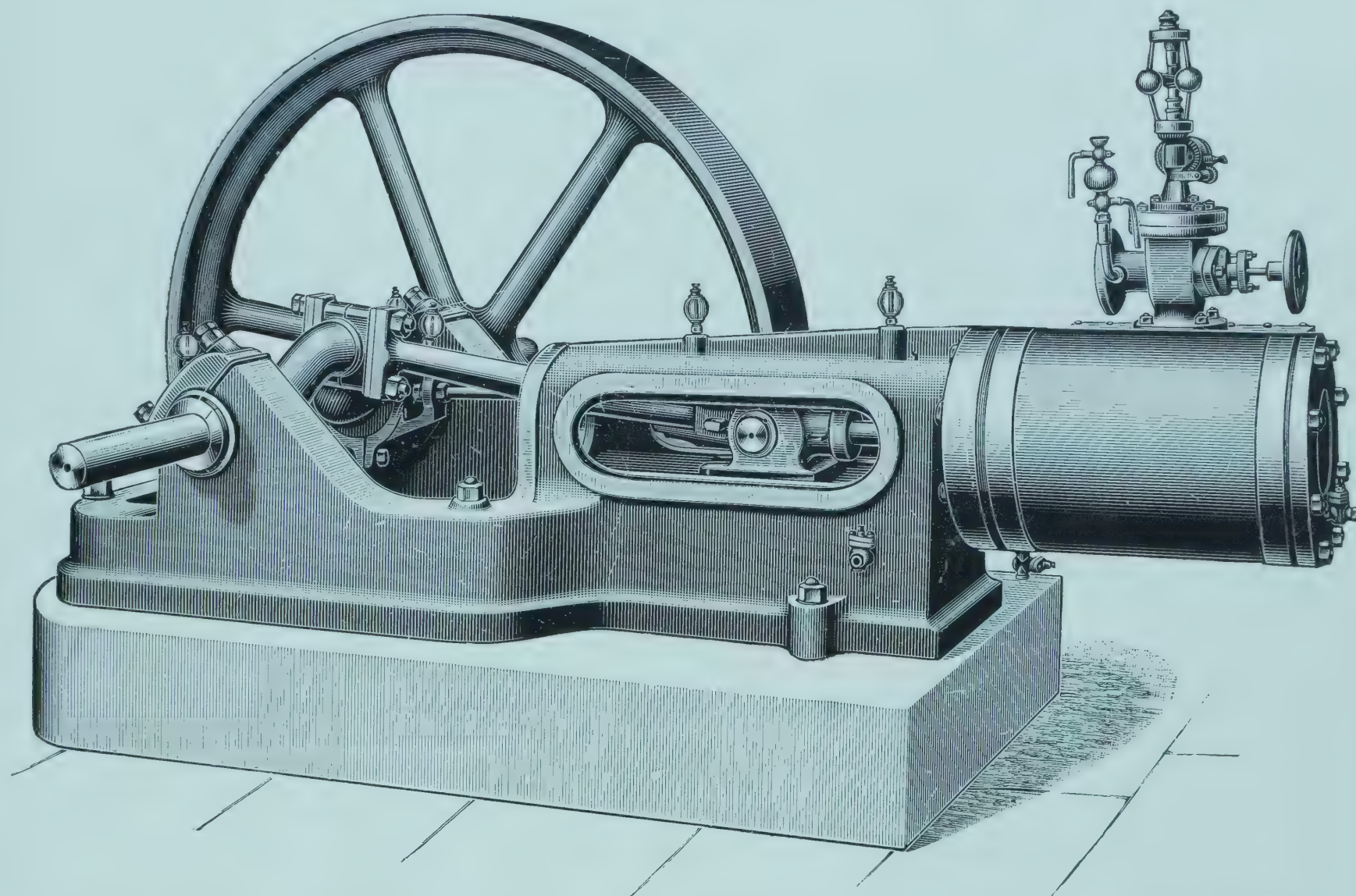


W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

IMPROVED HORIZONTAL STEAM ENGINES,  
WITH PICKERING TYPE HIGH-SPEED GOVERNORS. OVERHANGING CYLINDERS.



These Engines are constructed to work at a steam pressure up to 100 lbs. ; they are self-contained, occupy little space, are easily fixed, contain the latest improvements, and are well adapted for electrical installations and other works requiring steady driving.

The Blocks carrying the crank shaft are cast along with the bed, so that no derangement can take place.

The Fly Wheels are turned on face for belt, and can be fixed at either end of the crank shaft.

The Crank Shafts, connecting rods, and piston rods, are made of steel.

The Bearings are of the best gun-metal, and are made massive and long for resisting wear.

Each Engine is fitted with adjustable high-speed governor, equilibrium valve and stop valve combined, tallow cup, and necessary lubricators.

PRICES AND PARTICULARS.

Horse Power, Nominal...	...	...	...	2	4	6	8	10	12	14
Indicated Horse Power at 60 lbs. pressure	...	...	...	6	12	18	24	30	36	42
Diameter of Cylinder ...	...	...	ins.	4	6	8	9	10	11	12
Length of Stroke ...	...	...	"	7	10	12	14	14	16	16
Revolutions per minute	...	...	..	250	180	150	140	140	125	125
Diameter of Fly Wheels	...	...	ft. ins.	2 3	3 6	4 6	5 0	5 6	6 0	6 0
Weight in lbs.	...	...	ins.	4 1	5	6 1	6 1	7	7	8
Price	...	...	Rs.	500-0	600-0	825-0	1000-0	1250-0	1500-0	2000-0
Dimensions	...	...	"	25-0	25-0	25-0	30-0	40-0	50-0	50-0

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually



# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

# CALCUTTA.



## IMPROVED VERTICAL STEAM ENGINES.

(INVERTED CYLINDERS).

These Engines are self-contained, occupy little space, are easily fixed, and contain the latest improvements.

The two bearings carrying the crank shaft are cast along with, and form part of the framework.

The fly-wheels are turned on face for belt, and can be fixed at either end of crank shaft.

The crank shafts are made of steel, large diameters, and revolve in gun-metal bearings.

Each Engine is fitted with adjustable high-speed governor, equilibrium valve and stop valve combined, as illustrated.

### PRICES AND PARTICULARS.

Nominal H. P.	Diameter of Cylinder.	Length of Stroke.	Diameter of Crank Shaft.	Dia. and Width of Fly Wheel.		Revolutions per minute.	Price of Engine.	Extra if fitted with Pump.	Extra if Cylinder covered with silicate cotton, sheet steel, and brass bands
	ins.	ins.	ins.	ins.	ins.		Rs.	Rs.	Rs.
4	6 $\frac{1}{2}$	9	2 $\frac{3}{8}$	30	6	200	650-0	25-0	25-0
6	8	12	2 $\frac{3}{4}$	39	6	160	875-0	30-0	30-0
8	9 $\frac{1}{2}$	14	3	45	6	150	1075-0	40-0	40 0
10	10	15	3 $\frac{1}{2}$	54	6 $\frac{1}{2}$	130	1350-0	40-0	50 0
12	12	16	3 $\frac{3}{4}$	60	6 $\frac{1}{2}$	120	1650-0	45-0	55-0
16	14	16	4 $\frac{1}{4}$	72	10	100	2100-0	50-0	60-0

Prices, drawings and specifications furnished on application.

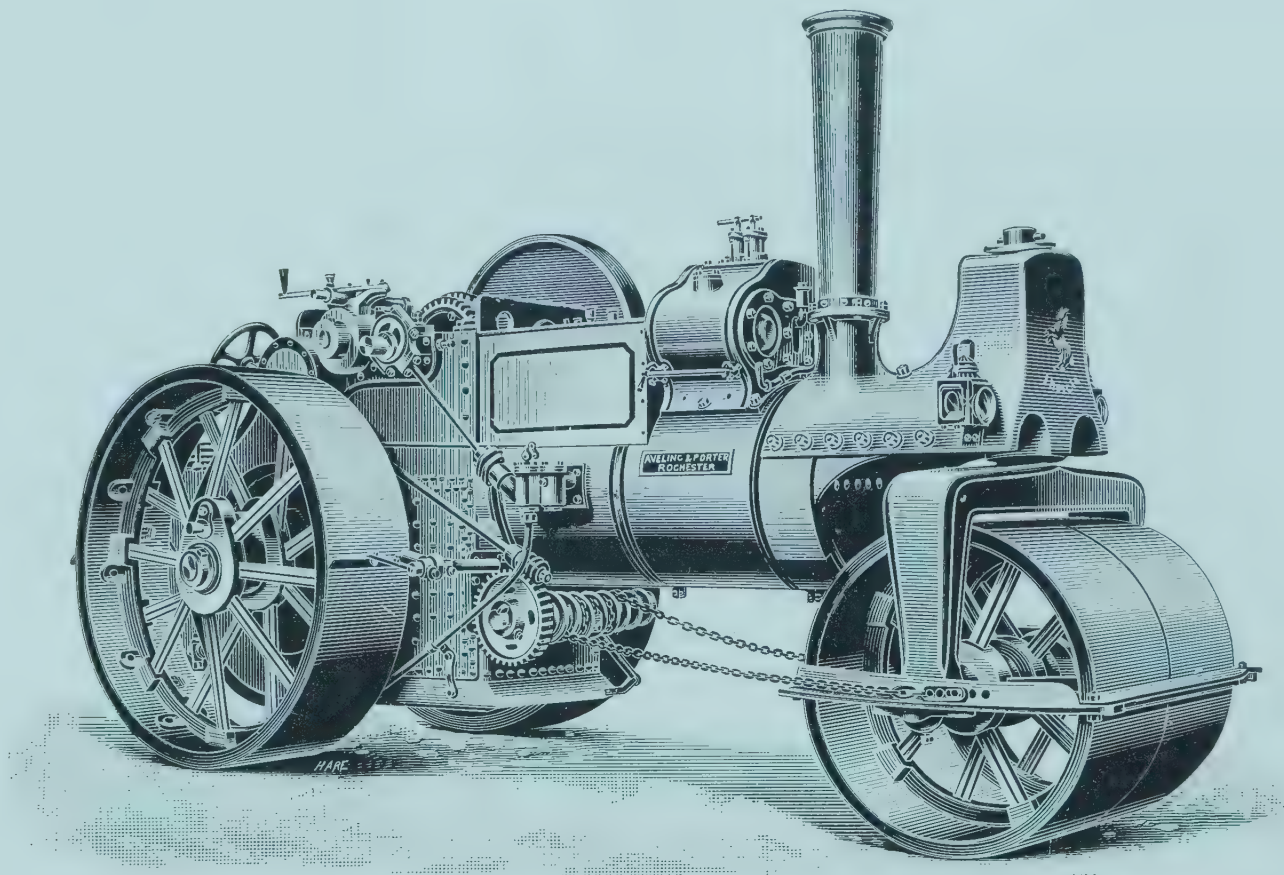


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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## PATENT STEAM ROAD ROLLER.



## AVELING &amp; PORTER'S PATENT STEAM ROAD ROLLER.

This Machine is a special adaptation to the purpose of road rolling of AVELING & PORTER's ordinary Road Locomotive.

The Engine is carried upon four rollers, as shown in the engraving, the two hind ones acting as driving and the two in front as steering-rollers. These latter cover the space between the two driving-rollers, and support the forward part of the boiler; at the same time play is given to the vertical shaft for the rollers to accommodate themselves to the curved surface of the road. The Machine, which is entirely managed by one person, can be turned round in little more than its own length, and can roll steep hills without injury to the firebox.

In the intervals of rolling, these Steam Road Rollers can be used for driving any class of machinery, and are of special service in breaking the metalling required for the roads.

The rollers generally used are :—10 tons, covering a width of  $6\frac{1}{4}$ -ft. ; and 15 tons, a width of  $7\frac{1}{4}$ -ft.

With each roller the following extras are supplied free of charge :—An injector, feed oil-can, a box spanner and set of spanners, screw-hammer, 3 gauge-glasses and washers, set of firing-irons, tube brush and rod, and waterproof cover.

## PRICE OF STEAM ROAD ROLLERS.

Weight without fuel or water,	6-tons.	8-tons.	10-tons.	12 $\frac{1}{4}$ -tons.	15-tons.	18-tons.
Price with fittings as in Catalogue ... .. £	345	360	375	400	460	500
Packing for inland carriage ... .. £	10	10	10	12 $\frac{1}{2}$	15	20

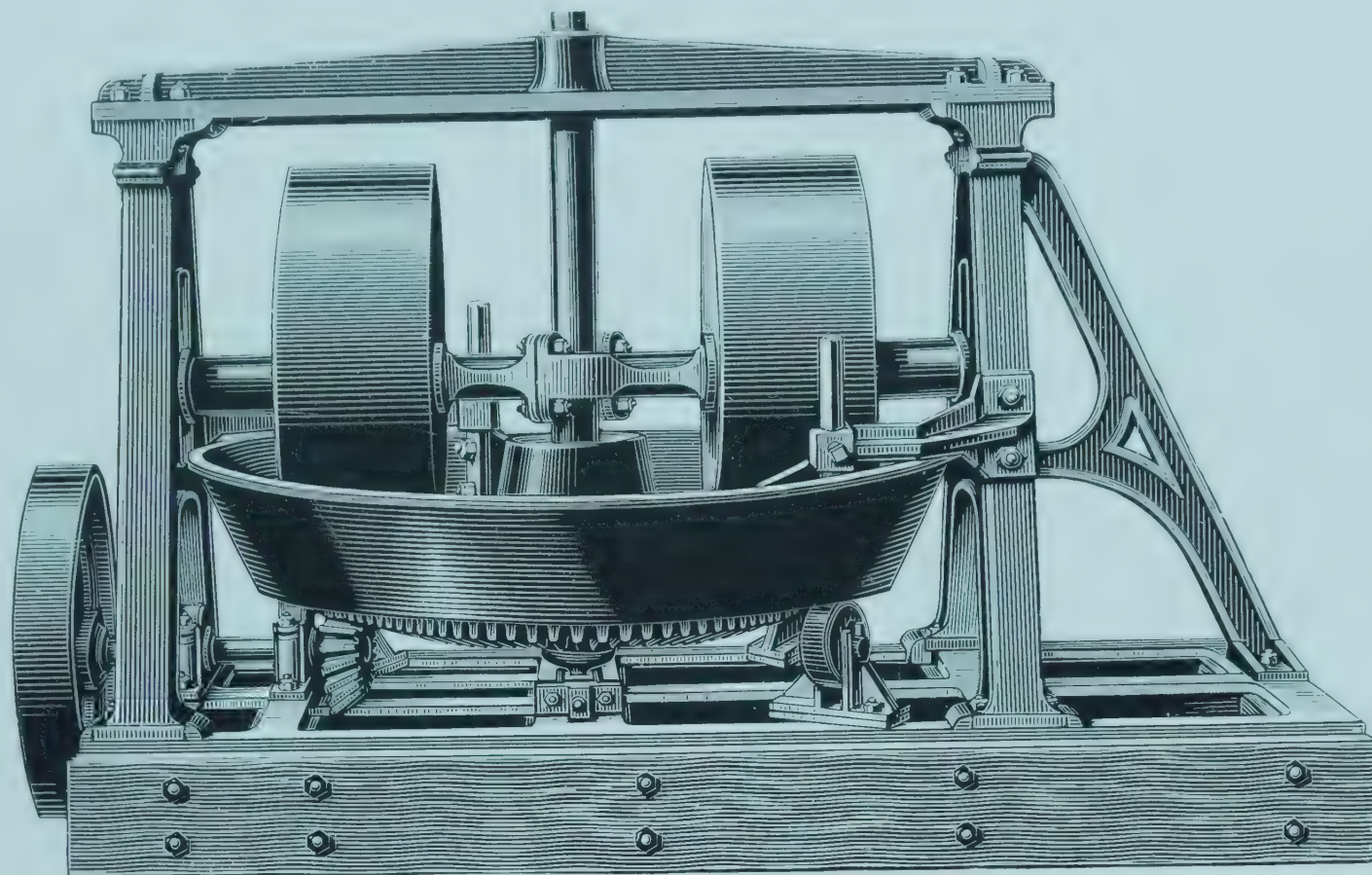
Prices and subjects of illustration, and are ruled by a cheap edition of this Catalogue issued twice annually.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## MORTAR MILLS WITH REVOLVING PANS.

WITH REVOLVING PAN, TO DRIVE BY BELT, FITTED UPON CAST-IRON FRAME, READY FOR  
FIXING TO TIMBER BED.



MILL ON CAST-IRON FRAME AND PITCH-PINE BED, WITH FRICTION ROLLERS.

This type of Mill is generally used by Builders, Contractors, and others who are in a position to make a suitable timber bed at a small expense, and thousands are now at work in all parts of the world, giving invariably the greatest satisfaction.

If desired, we will supply with the Mill a strong timber bed, well framed together, and fit the cast-iron frame on to it, the whole being well bolted together.

### APPROXIMATE DIMENSIONS AND WEIGHTS.

	6-ft.	7-ft.	8-ft.
Diameter of pan at top, outside	30	36	42
Diameter of pulley	6	6	6
Breadth of pulley on face	96	100	90
Revolutions of pulley	90	116	150
Approx. total weight of Mill, on cast-iron frame for timber bed	...	...	...

### PRICES.

Of Mill, on cast-iron frame, ready for fixing to timber bed	Rs.	900-0	1,000-0	1,250-0
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## PUG MILLS FOR PUGGING CLAY.

The object of pugging the clay is to bring it into a complete state of consistency. For Brick-making the following is the usual size :—

	Height.	Diameter.	Price.	Packing.
Suitable for two Bullocks	42-in.	34-in.	Rs. 165-0	Extra.

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually.



## STEAM, HAND, AND DEEP WELL PUMPS.

### NOTES.

All previous Catalogues, Lists, and Quotations of Pumps are hereby withdrawn.

Special Quotations are given for large quantities, and also for other designs of Pumps than those illustrated herein, on application.

In special cases we shall be glad, on receipt of full and explicit particulars from intending purchasers, to advise them as to the most suitable pumping plant for their requirements.

All illustrations, or designs, are not necessarily binding as to detail, except when so stated in the Estimate, and must be regarded as approximate representations only.

All Hand Pumps (excepting those reversible) are supplied right-handed, unless ordered otherwise.

Theoretically if pump, pipes, joints, &c., are *air-tight* and in *perfect* order, a pump should draw water about 33-ft. vertical; but, in actual practice, the bucket should never be at a greater vertical distance than 27-ft. from lowest water level—in fact, most practical men prefer to have a still less vertical suction; and we therefore arrange all our Deep-well Pumps with about 18-ft. vertical suction pipe only.

In no case should smaller suction or delivery pipes be used than named in the Catalogue for the respective sizes of Pumps.

### SPECIAL.

In ordering or requiring price for Pumps, buyers are particularly requested to give full and explicit descriptions.

Unless specially provided for, steam, suction and delivery pipes must not be less than stated in Catalogue.

The approximate heights given in Catalogue to which the various sizes of Pumps will deliver to, are based upon the steam pressure named at the pump cylinder; if the boiler is a distance away, larger steam pipes should be used. If economy in fuel is a great consideration, the steam pipes and cylinder should be lagged.

Foot valve and strainer are strongly recommended in all cases where the suction is at all heavy, and strainer whenever the water is liable to be impregnated with obstructive matter.

### Approximate Quantities of Water delivered per hour by SINGLE-ACTING PUMPS at 30 strokes per minute.

Bore of Working Barrel.....	2½-in.	3-in.	3½-in.	4-in.	4½-in.	5-in.	6-in.
Gallons delivered by Pumps with 4-in. Stroke.	125	180	245	320	405	500	720
Do. do. 6-in. „	185	270	365	480	605	750	1080
Do. do. 8-in. „	250	360	490	640	810	1000	1440
Do. do. 10-in. „	315	450	610	800	1010	1250	1800
Do. do. 12-in. „	375	540	735	960	1215	1500	2160

If the Pump be worked at 40 strokes per minute, the quantity delivered will be, of course, one-third more than named above; if at 20 strokes only, one-third less water will be delivered, and so on. For Double-acting Pumps the quantities of water delivered will be precisely double those given for Single-acting Pump, if worked at the same speed and the same length of stroke.

## THE “CORNISH” DIRECT-ACTING STEAM PUMP

(EVANS' AND TONKINS' PATENTS).

The “CORNISH” is suitable for all Pumping Purposes, and is suitable for low, medium, or high lifts. All these Pumps have short pistons and long strokes, and may be placed at any distance away from the boiler, suitable allowance being of course made to compensate for reduced pressure and increased friction of pipes.

The “CORNISH” has NO TAPPETS to get out of order. No drain cocks are required; there is absolutely no extraneous gear whatever, the wear and tear being thus reduced to a minimum.



W. LESLIE &amp; CO.,

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47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD.

CALCUTTA.

## THE CORNISH DIRECT-ACTING STEAM PUMP

(EVANS' AND TONKINS' PATENTS).

FOR GENERAL PURPOSES.

## EVANS' "CORNISH" DIRECT-ACTING STEAM PUMP.

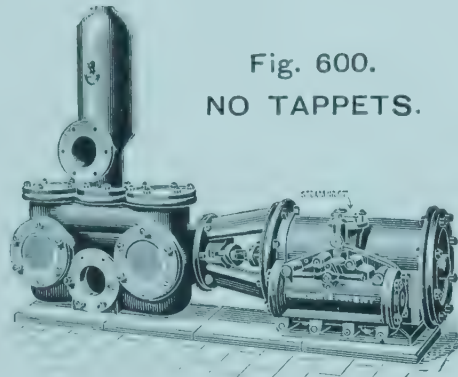


Fig. 600.

NO TAPPETS.

The "CORNISH" STEAM PUMP, is adapted for all purposes to which Steam Pumps can be applied.

<b>Bore of Steam Cylinder</b> .. .. . in.	6	6	6	..	..	..
<b>Bore of Water Cylinder</b> .. .. .	3	4	6	..	..	..
Length of Stroke .. .. .	12	12	12	..	..	..
Diam. of Suction and Delivery .. ..	2 1/2	3	4 1/2	..	..	..
Diam. of Steam Inlet .. .. .	1 1/2	2	3	..	..	..
Diam. of Steam Exhaust .. .. .	1	1	1	..	..	..
Gallons of water raised per hour approx. ..	1835	3200	7340	..	..	..
Height in ft. lifted with 50-lb. steam pressure ..	300	172	75	..	..	..
Approximate weight .. .. . cwt.	1 1/2	5 1/2	8 1/2	..	..	..
<b>Price of Fig. 600</b> .. .. . Rs.	325-0	390-0	500-0	..	..	..

<b>Bore of Steam Cylinder</b> .. .. . in.	7	8	8	8	9	..	..
<b>Bore of Water Cylinder</b> .. .. .	5	4	5	6	5	..	..
Length of Stroke .. .. .	12	12	12	12	12	..	..
Diam. of Suction and Delivery .. ..	3 1/2	3	3 1/2	4 1/2	3 1/2	..	..
Diam. of Steam Inlet .. .. .	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	..	..
Diam. of Steam Exhaust .. .. .	1 1/2	1 1/2	1 1/2	1 1/2	2	..	..
Gallons of water raised per hour approx. ..	5100	32600	5100	7340	5100	..	..
Height in ft. lifted with 50-lb. steam pressure ..	150	300	196	136	248	..	..
Approximate weight .. .. . cwt.	7 1/2	6	8	9	9	..	..
<b>Price of Fig. 600</b> .. .. . Rs.	500-0	480-0	525-0	600-0	600-0	..	..

<b>Bore of Steam Cylinder</b> .. .. . in.	10	10	..	..	..	..	..
<b>Bore of Water Cylinder</b> .. .. .	5	7	..	..	..	..	..
Length of Stroke .. .. .	12	12	..	..	..	..	..
Diam. of Suction and Delivery .. ..	3 1/2	5	..	..	..	..	..
Diam. of Steam Inlet .. .. .	1 1/2	1 1/2	..	..	..	..	..
Diam. of Steam Exhaust .. .. .	2	2	..	..	..	..	..
Gallons of water raised per hour approx. ..	5100	9990	..	..	..	..	..
Height in ft. lifted with 50-lb. steam pressure ..	300	156	..	..	..	..	..
Approximate weight .. .. . cwt.	9 1/2	13 1/2	..	..	..	..	..
<b>Price of Fig. 600</b> .. .. . Rs.	600-0	800-0	..	..	..	..	..

<b>Bore of Steam Cylinder</b> .. .. . in.	10	10	12	12	12	12	14
<b>Bore of Water Cylinder</b> .. .. .	8	9	6	7	8	10	7
Length of Stroke .. .. .	24	12	24	24	24	24	24
Diam. of Suction and Delivery .. ..	6	7 1/2	4 1/2	5	6	8	5
Diam. of Steam Inlet .. .. .	1 1/2	1 1/2	2	2	2	2	2 1/2
Diam. of Steam Exhaust .. .. .	2	2	2 1/2	2 1/2	2 1/2	2 1/2	3
Gallons of water raised per hour approx. ..	13050	16520	7340	9900	13050	20400	9990
Height in ft. lifted with 50-lb. steam pressure ..	119	94	300	225	172	110	300
Approximate weight .. .. . cwt.	20	25	20	21	23	20	22
<b>Price of Fig. 600</b> .. .. . Rs.	900-0	1000-0	925-0	1100-0	1200-0	1500-0	1200-0

Prices of Cornish Steam Pumps on application.

## "CORNISH" DIRECT-ACTING STEAM PUMP

(EVANS' AND TONKINS' PATENTS),

ON BASE-PLATE, WITH VERTICAL CROSS-TUBE BOILER, INJECTOR, AND ALL FITTINGS.

Fig. 630 is our "CORNISH" STEAM PUMP, with VERTICAL CROSS-TUBE BOILER, mounted on strong cast-iron Base.

The prices given include Injector, and all fittings, connections, mountings, &c., shown in engraving.

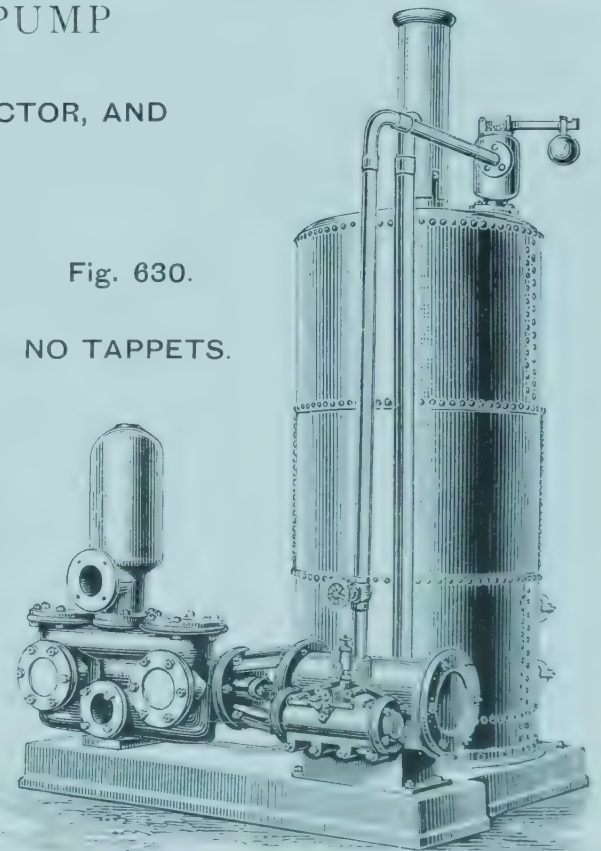
## SIZES AND PRICES.

			in.	in.	in.	in.	in.	in.	in.	in.	in.						
Size of Pump	...	...	6	×	3	×	12	7	×	5	×	12	8	×	5	×	12
Price of Pump and Boiler	...		Rs.	1600-0				Rs.	1850-0				Rs.	2000-0			

Estimates and specification of other sizes Steam Boilers and Cornish Pumps on application.

Fig. 630.

NO TAPPETS.



Prices of "Cornish" Steam Pump are subject to fluctuation.



W. LESLIE &amp; CO.,

 2, CHOWRINGHEE ROAD,  
 47, MUTTY LALL SEALS STREET,  
 41, DHARAMTALA STREET,  
 2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## WALL PUMPS AND BOILER FEEDERS

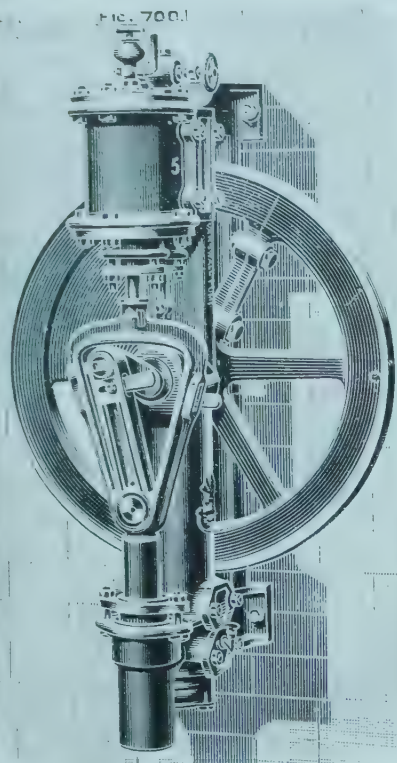
(EVANS' PATENTS).

## PRICE OF SINGLE-ACTING PUMPS.

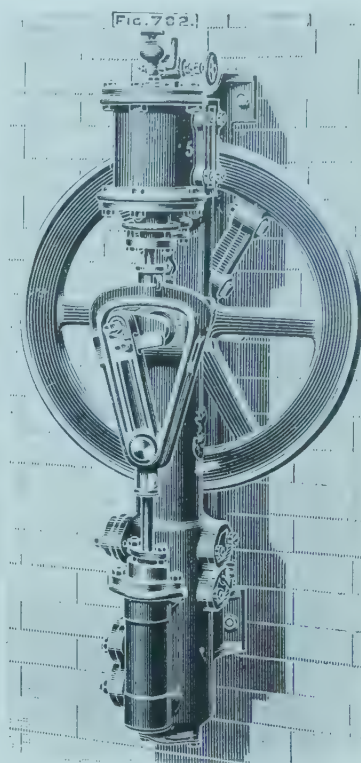
Bore of steam cylinder ... in.	2	2½	3	4	5	5	6	6
Diam. of ram ... ..	1	1½	1½	2	2½	3	3½	4
Length of stroke ... ..	2	2½	3	4	5	5	6	6
Diam. of suction and delivery ...	1½	2	2½	3	4	5	6	6
Diam. of steam inlet ... ..	1½	2	2½	3	4	5	6	6
Diam. of steam exhaust ... ..	1½	2	2½	3	4	5	6	6
Galls. of water raised per hr. approx.	80	130	230	410	635	915	1245	1630
Horse-power Boiler fed ... ..	5	8	15	27	42	61	83	109
Price of Fig. 700 ... .. Rs.	150-0	170-0	240-0	300-0	375-0	450-0	525-0	650-0

## PRICE OF DOUBLE-ACTING PUMPS.

Bore of steam cylinder ... in.	3	4	5	5	6	6
Diam. of ram ... ..	1½	2	2½	3	3½	4
Length of stroke ... ..	3	4	5	5	6	6
Galls. of water raised per hour, approx.	460	820	1270	1830	2490	3260
Height of Boiler ... .. ft. in.	4 0	5 0	5 0	5 0	6 0	6 0
Diam. of shell ... .. ft. in.	2 0	2 6	2 6	2 6	2 6	2 6
Horse power Boiler fed ... ..	30	54	54	122	166	218
Height in ft. water can be lifted with 50-lb. steam pressure ... ..	300	300	300	212	225	172
Price of Fig. 702, with Double-acting Pump, complete, on application						



Single-acting.



Double-acting.

Figs. 700 and 702 are specially adapted for Boiler Feeding, and are the most simple and compact Wall Donkey Pumps on the market. The fly-wheel is placed at the back, out of harm's way, and provision is made for securing the Pump at both ends to wall or bulkhead. The connecting rod is 2 to 1 (Steam Engine proportion), and is adjustable at either end by a single cotter. The valves and valve seats are of gun-metal, and the plungers are brass-lined; gun-metal steam stop valve is also included. All parts are easy of access, and the delivery pipe can be connected to either side of the Pump by replacing top door with the pipe gland. Provision is made for hand power when steam is not available.

## WALL OR DONKEY PUMPS, WITH VERTICAL CROSS-TUBE BOILERS.

Fig. 703.

## PRICE OF SINGLE-ACTING PUMPS AND VERTICAL BOILER.

Bore of steam cylinder ... .. in.	2	2½	3	4	5	5	6	6
Diam. of ram ... ..	1	1½	1½	2	2½	3	3½	4
Length of stroke ... ..	2	2½	3	4	5	5	6	6
Gallons of water raised per hour, approx.	80	130	230	410	635	915	1245	1630
Height of Boiler ... .. ft. in.	4 0	4 0	4 0	4 0	5 0	5 0	5 0	5 0
Diam. of shell ... .. ft. in.	2 0	2 0	2 0	2 0	2 6	2 6	2 6	2 6
Horse-power Boiler fed ... ..	5	8	15	27	42	61	83	109
Height in ft. water can be lifted with 50 lbs. steam pressure ... ..	460	460	460	460	460	320	330	255
Price of Fig. 703, with Single-acting Pump, complete, on application ... ..								

## PRICE OF DOUBLE-ACTING PUMPS AND VERTICAL BOILER.

Bore of steam cylinder ... .. in.	3	4	5	5	6	6
Diam. of ram ... ..	1½	2	2½	3	3½	4
Length of stroke ... ..	3	4	5	5	6	6
Galls. of water raised per hour, approx.	460	820	1270	1830	2490	3260
Height of Boiler ... .. ft. in.	4 0	5 0	5 0	5 0	6 0	6 0
Diam. of shell ... .. ft. in.	2 0	2 6	2 6	2 6	2 6	2 6
Horse-power Boiler fed ... ..	30	54	84	122	166	218
Height in ft. water can be lifted with 50-lbs. steam pressure ... ..	300	300	300	212	225	172
Price of Fig. 704, with Double-acting Pump, complete, on application ... ..						

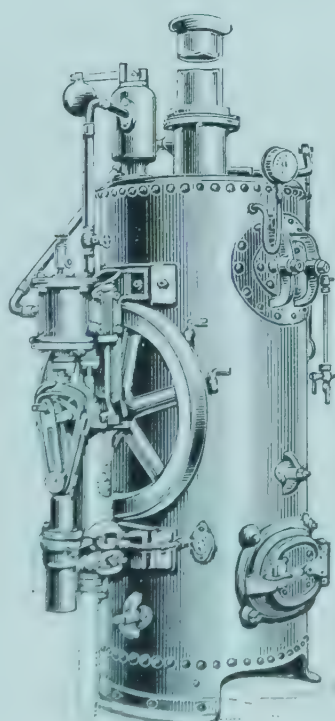


Fig. 703.—This engraving represents our SINGLE-ACTING WALL or DONKEY PUMP (Fig. 700) mounted on Vertical Cross-Tube Boiler, with injector, and all fittings and mountings complete, as shown. We can also supply this arrangement on wheels, if desired, at



## THE "CULWELL" HORSE OR BULLOCK PUMP

(EVANS' PATENT),

FOR IRRIGATION, &c.

Fig. 850 represents a very strong and simple arrangement of Horse or Bullock Pump. There is absolutely no extraneous gear in this Pump, all the complication of large toothed wheels, cranks, plumber blocks, &c., are dispensed with, and direct motion to the large bore Double-acting Bucket and Plunger Pump from a verticle shaft substituted, as shown in the engraving. Doors for easy access to the valves are provided. Wheels are not included in the prices given for the Pumps.

Bore of Pump .. .. . ins.	6	8½	10	11½
Length of Stroke .. .. . "	12	14	16	18
Bore of suction and delivery pipe .. .. . "	2	2½	3	3½
Gallons of water raised per hour by horse walking at } rate of 3 miles .. .. . approx. }	400	950	1500	2200
Price of Fig. 850, complete .. .. . Rs.	600-0	700-0	850-0	1000-0
Extra if mounted on 4 trolley wheels .. .. .				

Subject to fluctuation.

Fig. 850.

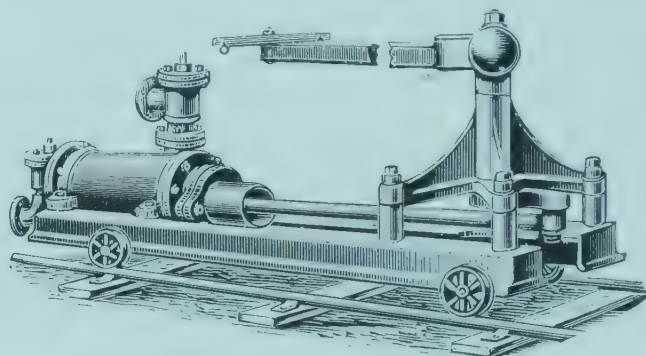
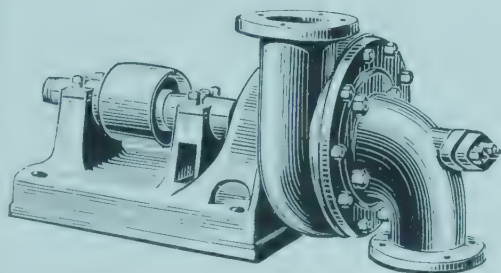


Fig. 860 represents our improved design Centrifugal Pump, which is a very compact and durable arrangement. A very important feature in this design is that the suction and delivery pipes may be connected to the Pump at a number of different angles, thereby dispensing with bends which would otherwise be necessary. The disc is readily accessible by taking off the side cover, and therefore easily examined and any obstruction removed. The spindle is of steel, and all bearings are adjustable to take up wear. Double standards and single pulley (as per engraving).

Fig. 860.



Bore of suction and delivery pipes .. ins. }	2	3	4	5	6	7	8	9	10	12
Galls. per min., approx.	50	80	200	340	500	650	900	1100	1500	1800
Fig. 860 with 1 standard and 1 pulley .. Rs. }	175-0	190-0	250-0	325-0	400-0	525-0	575-0	675-0	800-0	1200-0
Fig. 860 with 2 st'nd'rds and 1 pulley .. Rs. }										
Extra for foot valve and strainer fig. 1100 Rs. }	23-0	32-0	42-0	50-0	62-8	79-0	96-0	120-0	142-0	187-0

When Pumps are ordered with two pulleys and two standards, we provide band striking gear.

These Pumps may be had at extra cost fitted with ejector and steam cock when so ordered, for filling suction pipes when starting Pumps, instead of having to fill by hand power. Gun-metal discs may also be had at extra cost.



## IMPROVED TUBE OR DRIVE-WELLS WITH DRIVING APPARATUS.

Extract from the Sanitary Commissioner's Report on the Ranaghat Municipality.

Water-supply.—There are three principal sources.—Water-supply.

- "(1) The river Chuni, which flows past the town and is freely polluted throughout its course.
- "(2) Municipal and private tanks, which are also freely polluted, and the banks of which are used by the people as latrines. I saw evidence of this even on the banks of the so-called reserved tanks, in one of which I also saw a woman bathing her child and washing her clothes.
- "(3) Municipal and private wells, which it may here be mentioned are only to be found in the well-to-do parts of the town, and are conspicuous by their absence in the poorest localities where they are most needed.

"The private wells are in all cases in close proximity to well privies. I drew samples of water from each of these sources and had them analysed by the Chemical Examiner in Calcutta, with the following result:—

"*The river water* which was taken about 4 feet below the surface in the middle of the stream, is reported 'free from evidence of sewage contamination. The hardness, both temporary and permanent, is high, but just within what is considered as the limit of hardness for portable water.' It should be stated here that this applies to the middle of the stream only where of course the water would be purest. The people draw their supplies from the water's edge, where it is contaminated."

"*Reserved tank water*.—The Chemical Examiner reports:—"This water is unfit for use as human drinking water. The quantity of chlorine, free ammonia, albuminoid ammonia, and unoxidised organic matter indicate sewage contamination."

"*Private wells in the vicinity of well privies*.—In these samples the Chemical Examiner found "an excessive quantity of chlorides and nitrogen derived from nitrates and nitrates which is evidence of old organic contamination." The albuminoid ammonia is also reported to be high, and the hardness, both temporary and permanent, excessive. It may here be mentioned that polluted well waters are usually excessively hard (both permanent and temporary hardness), and therefore unsuited for domestic purposes. The Chemical Examiner says that the pot well of Ranaghat water 'is not suitable for use as human drinking water.'

"In addition to the chemical analysis, I made a careful bacteriological examination on the spot in the presence of the Chairman and a number of the Municipal employees of samples of water from all the above sources, as well as from **Leslie's Tube-well in Mr. Munro's Compound**, from a reserve tank in the same compound, and from the railway station filtered and unfiltered water-supplies with the following results:—

### LESLIE'S TUBE-WELL COST Rs. 37-8 EACH, EX GODOWN, CALCUTTA.

	Germ.		Germ.
River water contained .. .. .	248	Railway Station filtered water .. .. .	32
Reserved municipal tank (Nasrapara) .. .. .	668	unfiltered water .. .. .	38
" tank in Mr. Munro's compound .. .. .	196	<b>Leslie's Tube-well in Mr. Munro's compound</b> .. .. .	<b>None</b>
Municipal well in Ferry Road .. .. .	92	Pot well in a well-to-do native's premises in vicinity of well privy .. .. .	<b>Uncountable</b>

### Extract from a letter to the Collector of Purneah from the Manager, Khagra Estate:—

"I have the honour to report that the Estate has now five pumps working. I may say that the pumps have given complete satisfaction. They work splendidly and leave nothing to be desired. It is necessary, however, when first erecting the pumps to depute two coolies for a day or two to work the pumps continuously, this wears off the stiffness. When once the stiffness goes off, the pumps can be worked by a child. The best feature of the pumps is that the bucket holds the water and does away with the great objection of the pitcher pumps, viz., the necessity of feeding the same with water before new water can be drawn. The pumps have proved such a success that I am submitting an estimate for permanently fixing the same in *pucca* masonry. I may also mention that I notice an improvement in the health of those who use the pump water regularly."

This letter refers to our rotary action Lift Pumps, Fig. 35, which were fitted to our Tube-wells in preference to our Pitcher Spout Pumps.

### EARTH-BORING TOOLS.

The following are the various Tools in common use:—

Augur, for clay and stiff soils, 3½-in. .. .. .	Rs. 28-0 each,
Bell box, for extricating rods in case of breakage .. .. .	20-0 "
Crow's Foot, .. .. .	6-0 "
Chisel, flat, for moderately hard ground, 3½-in. .. .. .	13-0 "
" V., .. .. .	13-3 "
" T., for hard and rocky strata, 3½-in. .. .. .	22-0 "
" S., .. .. .	24-0 "
Hand dog, or rod wrench .. .. .	24-0 "
Lifting dog, for raising rods .. .. .	16-0 "
Short rod with swivel top .. .. .	25-0 "
Sludger, for bringing up loose and saturated stuff from bore hole .. .. .	25-0 "
Spiral worm for extracting broken rods, 3½-in. .. .. .	25-0 "
Shoe nose shell, 3-in., with 1-in. male screw .. .. .	50-0 "
Tubes, 3½-in. 10-ft. long, with flush joints in lengths .. .. .	35-0 "
" 1-in. 10-ft. .. .. .	50-0 "
Spring dart, for drawing pipes up from bore hole .. .. .	25-0 "
Swivel spring hook .. .. .	30-0 "
Fillers for working the rods .. .. .	20-0 "
Tongs, for making joint in pipes .. .. .	12-0 "
Worm auger, for loosening stuff in bore hole, 3½-in. .. .. .	25-0 "
Boring rods, with screwed ends, 1-in. square in 10-ft. lengths .. .. .	8-14 ft

Increasing demand and repeating orders prove that Leslie's Tube-wells are a success.



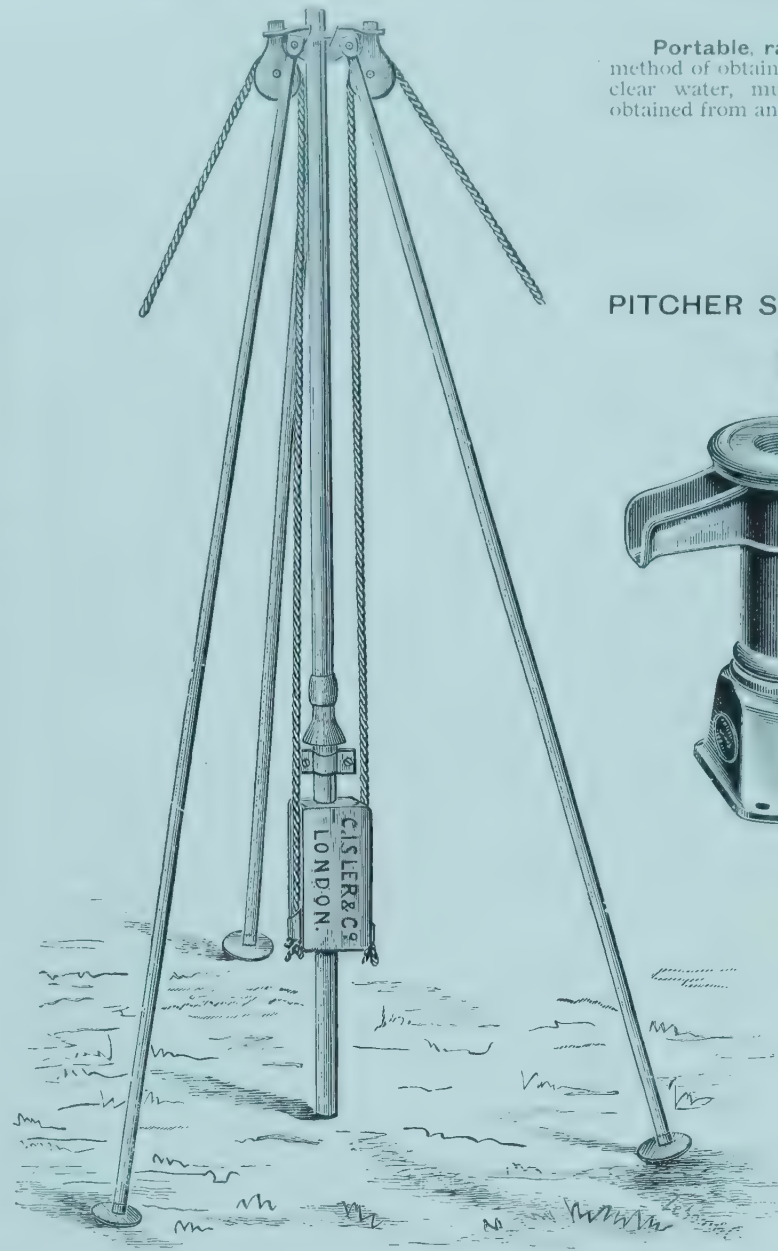
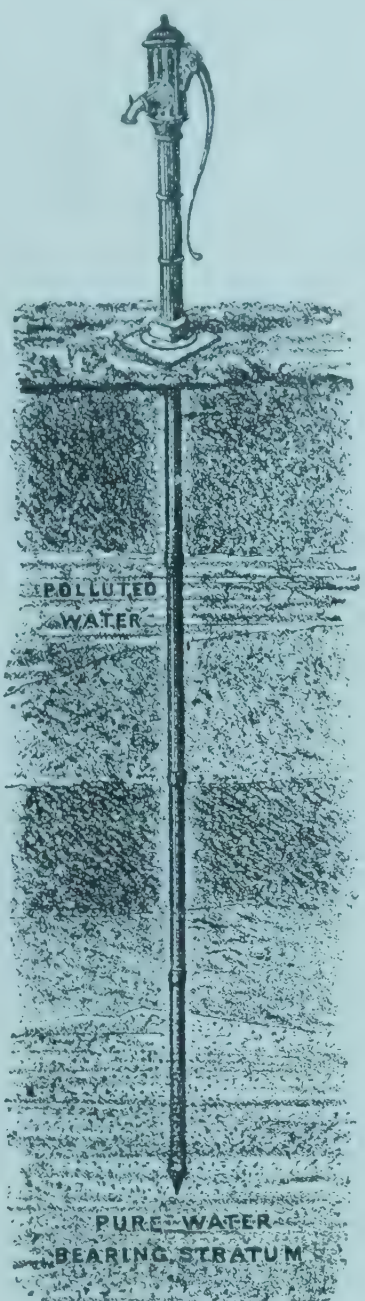
W. LESLIE & CO.,

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47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

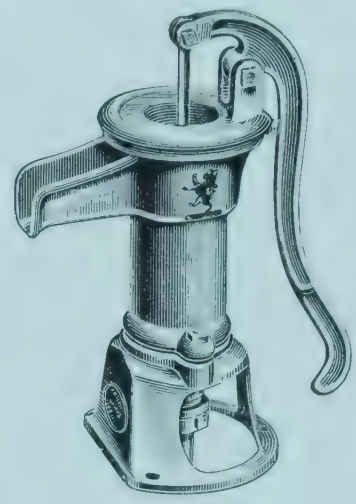
IMPROVED TUBE OR DRIVE-WELLS AND DRIVING APPARATUS

AS RECOMMENDED BY THE SANITARY COMMISSIONER OF BENGAL.



Portable, rapid and a simple method of obtaining a supply of pure, clear water, much purer than that obtained from an open well.

PITCHER SPOUT PUMP.



DRIVE FILTER-POINT.

Size, 1 1/4-in. . . . . Rs. each, 9-8  
" 1 1/2-in. . . . . Rs. each, 12-8  
" 2-in. . . . . Rs. each, 15-0

A Tube-well consists of a Pitcher Spout or Colonial Pump, 3-in. or 3-in. working barrel, with 1 1/2-in. wrought iron pipe, in 5-ft. lengths, and Drive-well Filter-point.									
Pump.	Filter point,	and four 5-ft. lengths of pipe, equal to 20-ft.	..	..	..	..	..	..	Price, Rs. 35-0
"	"	five 5-ft. lengths of pipe, equal to 25-ft.	..	..	..	..	..	..	" Rs. 37-8
"	"	six 5-ft. lengths of pipe, equal to 30-ft.	..	..	..	..	..	..	" Rs. 40-0
"	"	eight 5-ft. lengths of pipe, equal to 40-ft.	..	..	..	..	..	..	" Rs. 45-0

These convenient Tube-wells have been largely adopted in all parts of India and foreign countries. They are exceedingly useful on Tea Gardens, Indigo Estates, Pleasure Grounds, Villages, and also for temporary purposes, as a Well can frequently be driven and set to work in an hour or two.

The water obtained by this method is much purer than that obtained from an open Well, as the tendency of the pumping is to draw the water from the surrounding strata, and from a filter-like arrangement round the perforated end of the tube, ranging in order—first, particle of stone and gravel too large to enter the holes, succeeded by finer pieces, and so on, until a natural filter is formed round the pipe end, graduated from a fine sand on the outside to the larger particles inside, as described. The longer the Tube-well is in use the larger and more efficient will this filter bulb become.

**Selecting Site.**—Before commencing operations, it is desirable to ascertain the depth at which the water bearing stratum is reached, either by inspecting Dug Wells in the neighbourhood, or by consulting a geological chart of the district. Having this information, the necessary lengths of tube can readily be driven. If, however, the depth at which the water is expected to be reached cannot be ascertained, it will be necessary to pass a plumb line down the tube; or possibly the drive point may be driven right through the water-bearing strata without the operator's knowledge.

The drive-point, as ordinarily used, will not pierce rock or solid stone foundation, but hard and compact soil or lime may be successfully pierced. In the course of driving a Well, should rock or stone be met with, it will be better to draw the Tube-well and try at another spot; or, if deep beds of clay are driven into that yield no water, another spot should be selected, when possibly water may be found.

**Driving the Tubes.**—For driving the small Tube-well two men are required, and, the spot having been selected, operations are commenced by screwing the driving gear to the upper end of the drive-point, until its shoulder is firmly bedded on the end of the tube. A pair of pipe tongs may be used for this purpose. The rope having been secured to the driving apparatus and passed round the pulleys, all is ready.

The apparatus being held perfectly upright by one of the men, the other raises the weight by two hands and lets it fall several times upon the driving collar; this serves to force the drive-point sufficiently into the ground to stand by itself, care being taken that it is driven perfectly vertical. Both men now raise the weight by means of the ropes and let it fall upon the collar, until the drive-point is driven all but into the ground.

Fix another length of tube and continue the same operation until the drive-point is driven to the required depth, care being taken not to damage the screw threads on the pipe during driving.

Connect the lengths of tube together very carefully. First unscrew the socket, and, after being carefully oiled and smeared with red oxide, it should be screwed on the other end of the pipe, the screw threads on the pipe also being smeared with red oxide; this pipe should then be screwed to the tube in the ground. The end of the pipes must meet or butt together in the socket, so that they may be solid for driving, and also to ensure that they do not become unscrewed in the process of driving.

Terms as usual.

No credit.

Nett cash.



W. LESLIE &amp; CO.,

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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

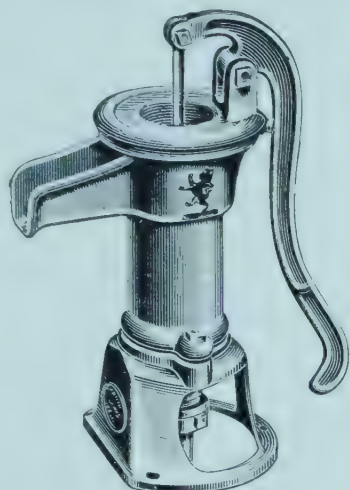


Fig. 14c.

Theoretically, if Pump, Pipes, Joints, &c., are *air-tight* and in *perfect* order, a Pump should draw water about 33 ft. vertical; but, in actual practice, the Bucket should never be at a greater vertical distance than 27 ft. from lowest water level—in fact, most practical men prefer to have a still less vertical suction.

## IMPROVED PITCHER SPOUT PUMP, Fig. 14c.

The Pitcher **Spout Pump** is in great demand for the Driven or Patent Tube-wells, and for Garden requirements. A special feature in this Pump is: It has a closed top, which prevents the overflow of water caused by rapid pumping. It keeps out dirt and dust. It is fitted with Brass Union, screwed for Iron Tube with Iron Couplings. A simple and perfect Pump, is easily repaired, and will lift from 400 to 500 gallons of water per hour.

## PARTICULARS AND PRICES.

Diameter.	Discharge, per Minute.	Size of Suction Pipes.	Price.	W.I. Suction Pipe.	I-R. Suction Pipe.	Brass Couplings for I.B. Pipe.	Foot Valve.
Inches.	Gallons.	Inches.	Each. Rs. As.	Per foot. Rs. As.	Per foot. Rs. As.	Per pair. Rs. As.	Each. Rs. As.
3	6	1½	10 12	0 5	1 8	3 8	3 12
3½	8	1½	12 0	0 6	1 14	4 4	4 4
4	10	2	13 8	0 8	2 2	7 0	5 4

## COLONIAL OR CISTERN PUMP, Fig. 1.

Revolving Top, with bolted-on base; the barrel is bored and polished. It has all the latest improvements of a new and improved design, fitted with patent Valve seat, with Brass Union, screwed for Iron Piping. Will discharge about 450 gallons of water per hour.

## PARTICULARS AND PRICES.

Diameter of Pump.	Discharge per Minute.	Size of Suction Pipe.	Price.	W.I. Suction Pipe.	I.R. Suction Pipe.	Brass Couplings for Hose.	Foot Valve.
Inches.	Gallons.	Inches.	Each. Rs. As.	Per foot. Rs. As.	Per foot. Rs. As.	Per pair. Rs. As.	Each. Rs. As.
2½	6	1½	10 4	0 5	1 8	3 8	3 12
3	8	1½	12 0	0 6	1 14	4 4	4 4
3½	10	2	16 0	0 8	2 2	7 0	5 4

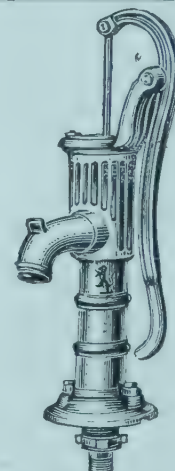


Fig. 1.

## COLONIAL LIFT AND FORCE PUMP,

Is our celebrated Colonial Lift and Force Pump, with flanged base, suitable for shallow wells and cisterns not exceeding 27 ft. in depth, and for forcing water into tanks, baths, or other elevated receptacles. The handle is reversible, and the Iron Pumps are always fitted with Brass Suction and Delivery Unions, Stuffing-Boxes, Gun-metal Piston Rods, and Anti-corrosive Valve Seats. This design is carefully fitted up in every detail and equal attention is paid to the the manufacture of these as of our more expensive patterns.

Diameter of Barrel of Pump .. .. .	2½-in.	3-in.
" of Suction and Delivery Pipe .. .. .	1½-in.	1½-in.
Length of Stroke .. .. .	6-in.	7-in.
Price of weight-iron Suction and Delivery Pipe .. .. .	Rs. 0-5-0	0-6-0
" of Canvas Delivery Hose .. .. .	0-4-3	0-6-0
" of India-rubber Suction Hose .. .. .	1-8-0	1-14-0
" of Pump, Fig. 14c .. .. .	31-0-0	32-8-0
" " with Draw-off Cock, Fig. 115 .. .. .	36-0-0	37-8-0

We recommend the use of Suction Valves.

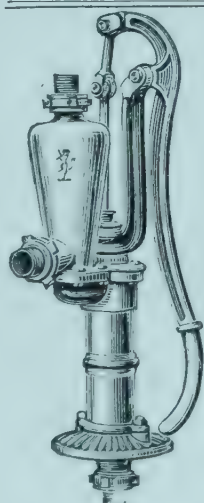


Fig. 114c.

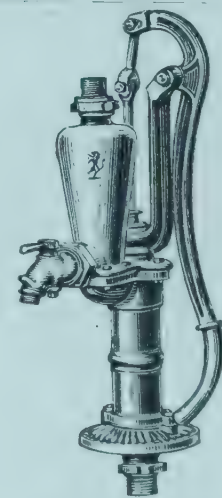


Fig. 115.

COLONIAL PORTABLE FIRE ENGINE  
OR GARDEN PUMP, Fig. 115W.

Fig. 115W is our Portable Lift and Force Engine, mounted on a wooden wheel-  
which makes it very handy and portable. It is complete with unions to take hose pipe.  
Price. Rs. 65 each.

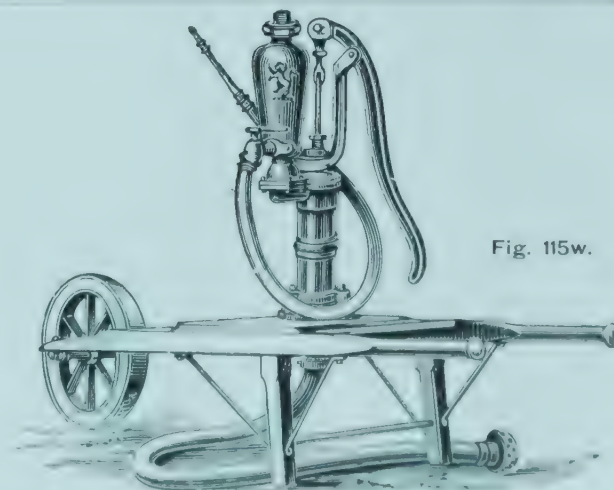


Fig. 115W.

Prices of Pumps are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually.



Theoretically if Pump, pipes, joints, &c., are air-tight and in perfect order, a Pump should draw water about 33 feet vertical; but in actual practice, the bucket should never be at a greater vertical distance than 27 feet from lowest water level;—in fact, most practical men prefer to have still less vertical suction. In no case should smaller suction or delivery pipes be used than named in the Catalogue for the respective sizes of Pumps.

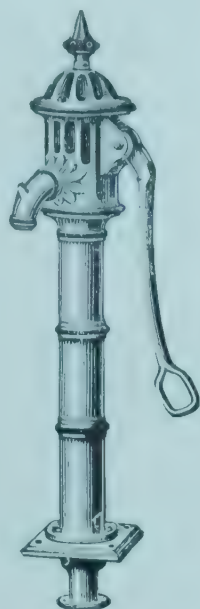


Fig. 34.

### STANDARD PATTERN YARD PUMP, Fig. 34.

This is a **Standard Yard Pump**. It has an improved handle. It is about 4-ft. 6-in. high. It has a flanged base and flanged tail-piece to take flanged pipe. It is also screwed inside for wrought-iron piping, which we always recommend. It will discharge with a 12-in. stroke 735 gallons per hour.

Diameter of Pump.	Discharge per hour.	Price of Pump.	Size of Suction Pipe.	Price of Pipe per foot.	Foot Valve.	Price of extra Leather Buckets
3-in.	550 gallons.	Rs. 41-8	1½-in.	As. 0-6-0	Rs. 4-4	Re. 0-14 ea.
3½-in.	610 „	„ 45-0	2-in.	„ 0-8-0	„ 5-4	„ 1-2 „

We recommend the use of Suction Valves.

### CAST-IRON ROTARY ACTION LIFT PUMP, Fig. 35.

With compensating lever. This design will be found to work much easier than the ordinary crank motion Pump, and is the best of the type made; the barrel is bored and polished inside, the action is rotary, which causes the bucket to travel the whole length of the cylinder, and will discharge 1,000 gallons of water per hour. The tail-piece of this Pump is flanged for cast-iron suction pipe, but we supply it screwed inside for iron tube without extra charge.

Price of Pump, with 3-in. working barrel and 2-in. suction, Rs. 72-8.

Wrought-iron Piping in about 15-ft. lengths by 2-in. diameter, As. 0-8-0 per foot.

We recommend the use of suction valves.

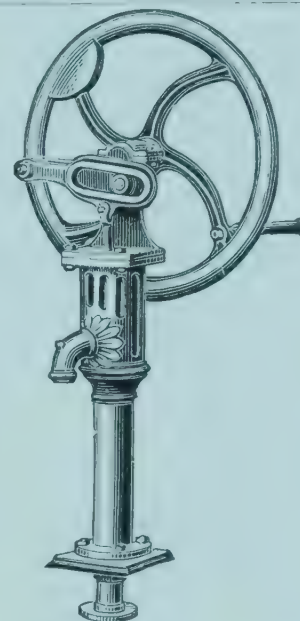


Fig. 35.

### STANDARD WHEEL MOTION LIFT AND FORCE PUMP, Fig. 162.

Fig. 162, represents the best Standard Wheel Action Pump made.

The barrel is bored and polished inside, the action is rotary, which compels the bucket to travel the full length of barrel. One of the best Lift and Force Pumps ever offered for sale, will draw water from wells 27-ft. deep, and force water to a height of 70-ft.

Price with fly-wheel, No. 3 working barrel by 1½-in. suction and delivery pipe ... Rs. 100-0 each.

Wrought-iron pipe, in 15-ft. length, 1½-in. diameter ... As. 0-6-0 per ft.

Suction foot valves and strainers we strongly recommend in all cases where the suction is at all heavy, and the strainer whenever the water is liable to be impregnated with obstructive matter ... Rs. 4-4.

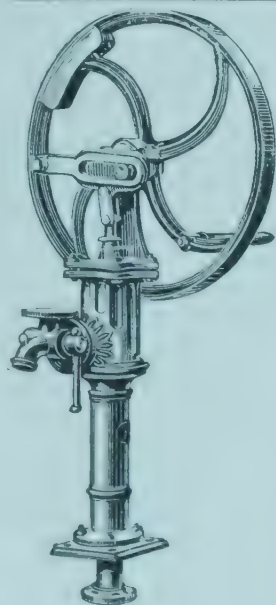


Fig. 162.



# W. LESLIE & CO.,

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47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD.

# CALCUTTA.

Theoretically, if Pump, pipes, joints, &c., are air-tight and in perfect order, a Pump should draw about 33-ft. vertical; but in actual practice the bucket should never be at a greater vertical distance than 27-ft. from lowest water level—in fact, most practical men prefer to have a still less vertical suction. In no case should smaller suction or delivery pipes be used than named in the Catalogue for the respective sizes of Pumps.

## ROTARY LIFT AND FORCE PUMP.

With fly-wheel and handle for iron suction and delivery pipe; it has no leather valves or washers. If a vertical delivery is required the cap above the swan neck, which covers the mouth of the discharge, can be removed and screwed on the lower end of the neck. After working, if the pump is to stand idle, a little clean oil should be poured into the cog chamber, the handle to be turned once or twice.

Fig. 575 and 160	...	...	...	...	...	...	...	Nos.	3	5
Price of Pump with fly-wheel	...	...	...	...	...	...	...	Rs.	77-8	115-0
" Wrought-iron piping in about 15-ft. length, 1½-in. and 2-in. suction...	...	...	...	...	...	...	...	As.	0-7	0-8
" India-rubber suction hose, 1½-in. and 2-in. diameter	...	...	...	...	...	...	...	Rs.	1-14	2-6
" Canvas delivery suction hose, 1¼-in. and 1½-in. diameter	...	...	...	...	...	...	...	Rs.	4-3	4-6

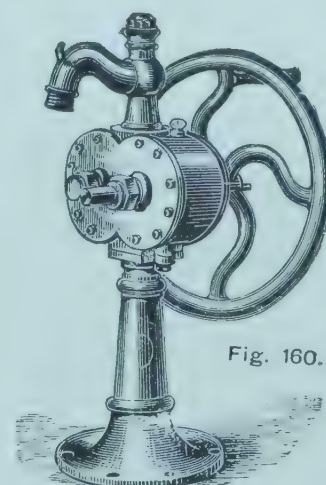


Fig. 160.

## "HANDY" SEMI-ROTARY WING PUMP.

Is arranged for portability, being mounted on strong iron carriage, with wheels and handles complete. Brass air vessels, brass union for section and delivery hose, branch pipe, spreader and strainer are included in the price; the hose pipe is extra.

**No. 2 Pump**, 7¾-in. diameter of case, 1-in. suction and delivery hose. Will raise 360 gallons of water per hour. Price, Rs. 110 each.

**Suction Hose**, 1-in. diameter. Price, As. 0-14 per foot.

**Canvas Delivery Hose**, 1-in. diameter, Price, As. 0-3-9 per ft.

**No. 3 Pump**, 9-in. diameter of case, 1¼-in. suction and delivery hose, will raise 540 gallons of water per hour. Price, Rs. 125 each.

**India-rubber suction hose**, 1¼-in. diameter. Price, Re. 1-8 per ft.

**Canvas Delivery Hose**, 1¼-in. diameter. Price, As. 4-3 per ft.

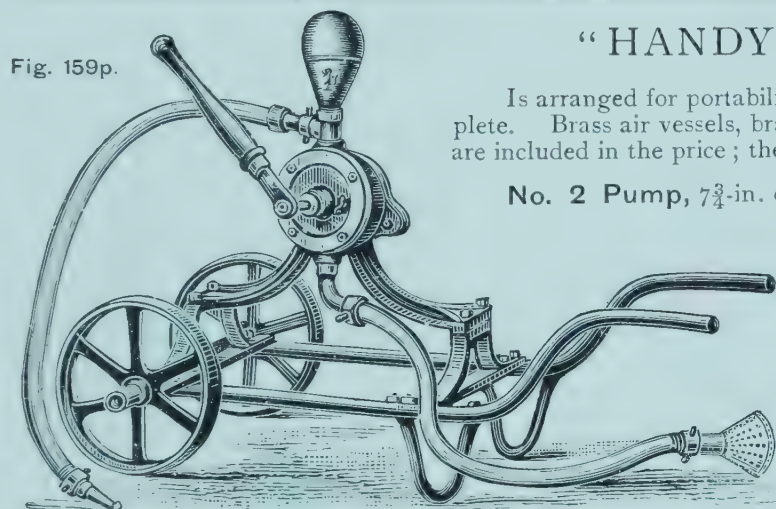


Fig. 159p.

## SEMI-ROTARY LIFT AND FORCE PUMP.

**Fig. 159. New Type of Double-action Lift and Force Wing Pump**, Semi-rotary Double-acting Lift and Force Pump, is unequalled for simplicity, compactness and durability. Very easy to work and readily fixed in position. The working parts are of gun-metal, the Lever handle is secured by a lock-out nut, and the position can easily be changed to suit requirements.

Fig. 159	..	..	..	..	..	..	..	..	..	Nos.	2	3	5
Outside diameter of Pump	..	..	..	..	..	..	..	..	..	in.	7¾	9	19
Diameter of suction piping	..	..	..	..	..	..	..	..	..	in.	1	1¼	1½
" delivery piping	..	..	..	..	..	..	..	..	..	in.	1	1¼	1½
Approximate quantity of water raised	..	..	..	..	..	..	..	..	..	galls.	6	9	19
Price of Pump	..	..	..	..	..	..	..	..	..	Rs. each.	32-0	37-8	54-0
" Piping in 15-ft. lengths	..	..	..	..	..	..	..	..	..	As. per ft.	4	5	6

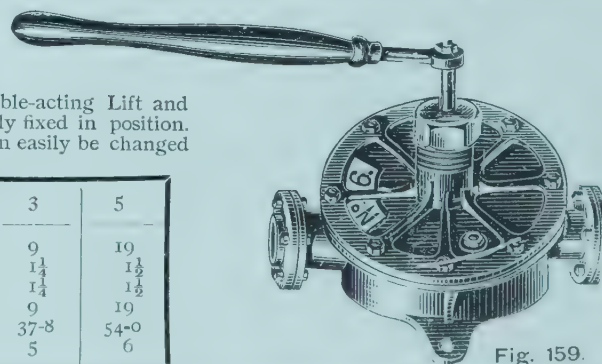


Fig. 159.

## WATER RAM OR SELF-ACTING WATER ELEVATOR.

A very simple, efficient, and durable machine for raising water to almost any height, or carrying it any distance, provided a fall of water is obtained. It furnishes a constant and regular supply without care or attention, the quantity raised varying in proportion to the height to which it is conveyed, with a given fall.



Fig. 550

Fig. 550	...	...	...	...	Nos.	4	5	6	8
Quantity of water supplied per minute by spring or brook to which the Ram is adapted	...	...	...	...	galls.	3 to 9	5 to 14	10 to 25	35 to 75
Length of drive-pipe	...	...	...	...	ft.	25 to 40	25 to 40	30 to 40	30 to 40
Diameter of " "	...	...	...	...	in.	1¼	2	2½	4
" discharge-pipe	...	...	...	...	in.	½	1	1¼	2
Price of Ram	...	...	...	...	Rs.	53-8	80-0	147-8	275-0
" Drive-pipe	...	...	...	...	As. per ft.	0-8	0-10	1-4	1-8
" Discharge-pipe	...	...	...	...	As. per ft.	0-3	0-5	0-6	0-8



# W. LESLIE & CO.,

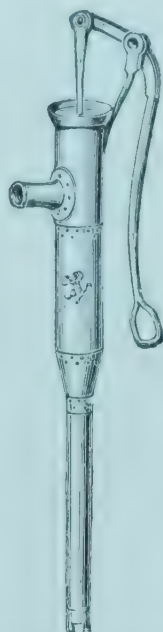
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEAL'S STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

# CALCUTTA.

## GALVANISED SHEET STEEL BARGE OR CONTRACTORS' PUMP, No. 49.

An extra strong Pump. Very suitable for Contractors, Indigo Planters, &c., &c. It measures 7-ft. 6-in. under spout, 4-in. diameter working barrel, 2-in. diam. suction pipe. Price, Rs. 55-0.

Ditto, with 6-in. diameter working barrel, and 3-in. diameter suction pipe. Price, Rs. 90-0



## CAST-IRON DEEP-WELL PUMP, Fig. 92.

Deep-well Pump, as illustrated, with standard and supporting brace, connecting pipe and cylinder 3-ft. long, to fix underground. Size, 3-in.  $\times$  1 $\frac{1}{4}$ -in. Price, Rs. 35-0 each.

Additional pipe and rod, As. 0-15-0 per foot.

## Deep-well Lift Pumps, Fig. 94.

Suitable for wells up to 40-ft. deep. Size of barrel, 3-in.; suction, 1 $\frac{1}{4}$ -in. Price, Rs. 75-0 each.

## Standard Deep-well Pump, Fig. 10.

Suitable for deep wells from 27 to 100-ft. deep, according to depth wanted. Price on application.



1096

## CAST-IRON COMBINED HOLDING-UP VALVES AND SUCTION STRAINER.

We strongly recommend that these be always fitted to lower end of the suction pipe, as they relieve the Pump of the strain, and keep it charged.

Diameter of pipe, in.	...	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4
Rs. each	...	3-12	4-4	5-4	7-12	8-0	10-8	13-8 each.



## CAST-IRON HOLDING-UP VALVES. SCREWED AT BOTH ENDS.

Screwed both ends. Recommended when the Pump has to force a great distance.

Diameter of Pipe, in.	...	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4
Rs. each	...	4-0	4-12	6-4	8-0	10-8	13-4	16-0 each.

1082



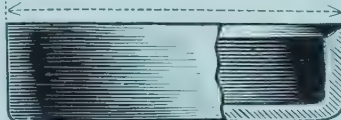
## IRON BUCKETS FOR PITCHER, PUMPS WITH WINGS AND VALVES.

1026



Size, in.	...	3	3 $\frac{1}{2}$	4
Price, Rs. each	...	2-4	2-8	3-8

A



## PUMP CUP LEATHER.

Size, in.	...	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$
Price, Re. each	...	0-12	0-14	1-2

Best English Pump Leather,  
Re. 1-12 per lb.



## PUMP FITTINGS AND CONNECTIONS OF LESLIE'S PUMPS.

When ordering separate parts of Pump, please do not cut Catalogue, simply quote page and alphabetical letter representing the part required.

- |                       |                      |
|-----------------------|----------------------|
| A Handle or lever.    | H Union or coupling. |
| B Bucket and rod.     | J Vibrating strap.   |
| C Lid or fulcrum.     | K Stuffing screw.    |
| D Barrel or cylinder. | L Stuffing box.      |
| E Lower valves.       | M Top valve chamber. |
| F Base or flange.     | O Upper valve.       |

Terms cash.

The above Pump parts and fittings can be supplied from stock on receipt of order.

Terms cash.



**W. LESLIE & CO.,**

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2-6, CHOWRINGHEE ROAD,

**CALCUTTA.**

Theoretically, if Pump, pipes, joints, &c., are *air-tight* and in *perfect* order, a Pump should draw water about 33-ft. vertical; but, in actual practice, the bucket should never be at a greater vertical distance than 27-ft. from the lowest water level—in fact, most practical men prefer to have a still less vertical suction. In no case should smaller suction or delivery pipes be used than named in the catalogue for the respective sizes of Pumps.

## ROTARY ACTION LIFT AND FORCE PUMP ON STAND, Fig. 166.

As illustrated. Wheel motion Lift and Force Pumps, with compensating lever, mounted on strong cast-iron stand. Brass unions screwed for wrought-iron pipe. Can be worked by hand or power.

Size of suction pipe ... ..	1½-in.
„ Working barrel... ..	3-in.
„ India-rubber delivery pipe ... ..	1½-in.
Price of Pump ... ..	Rs. 155-0 each.
Wrought-iron suction pipe, 1½-in. ... ..	As. 0-6 per foot.
India-rubber delivery pipe, 1½-in. ... ..	Re. 1-2

We recommend suction valves for bottom of suction pipe.

Prices are subject to fluctuation without further notice.

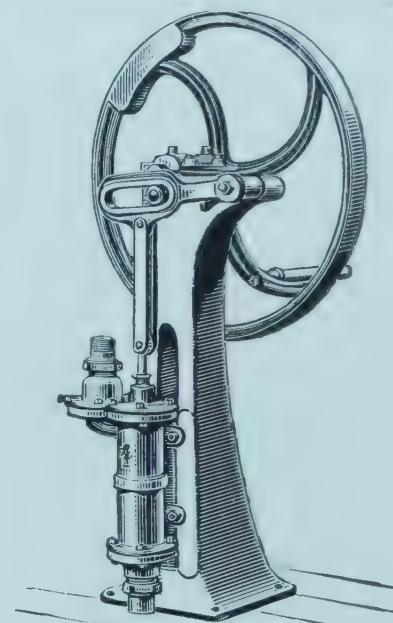


Fig. 166.

## ROTARY ACTION LIFT AND FORCE PUMP, Fig. 167G, WITH WHEEL GEARING.

**No. 167G** is our Double Acting Lift and Force Pump with wheel motion and wheel gearing, which enables the Pump to be worked for higher lifts.

The rim of fly-wheel is arranged to take belt for steam or other power.

This is a very serviceable and inexpensive Pump specially adapted for use at collieries.

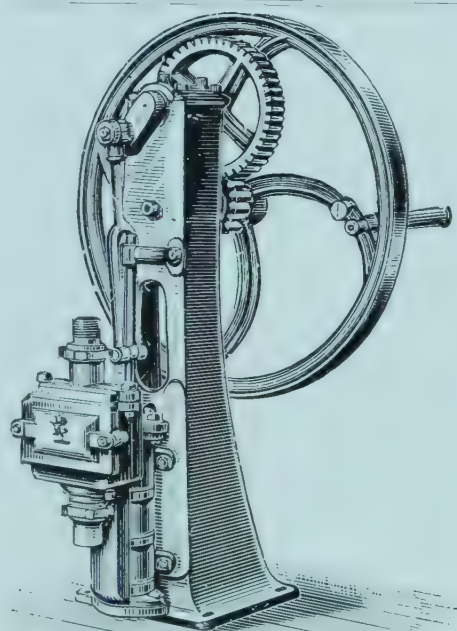


Fig. 167G.

Diameter of working barrel.	Size of suction pipe.	Size of delivery pipe.	Price of Pump.
Ins.	Ins.	Ins.	Rs.
3	1½	1½	240-0
4	2	2	280-0

We recommend the use of suction valves for bottom of suction pipes.

## INDIAN PATTERN KITE-MOTION DOUBLE BARREL RAILWAY LIFT AND FORCE PUMP.

**No. 228** is our celebrated Indian or Kite-motion Double Barrel Railway Pump. The Pump barrels are made of gun-metal with gun-metal glands, rods, brass nuts, buckets and valve seats. The frame has a four-and-a-half feet fly-wheel, two handles, strong wrought-iron crank, kite, and guide rods, the latter being connected to the crank by gun-metal marine heads, the guides are bushed with brass and brass nuts are also used.

Diameter of barrel.	Strokes per minute.	Discharge per hour.	Size of Delivery.	Size of Suction.	Price of Pipe.	Price of Pump.
1	30	Gallons.	Ins.	Ins.	As.	Rs.
2	30	800	2	2	0-8	400-0
2½	30	1,000	2½	2½	0-12	450-0

Prices of Pumps are subject to fluctuation.

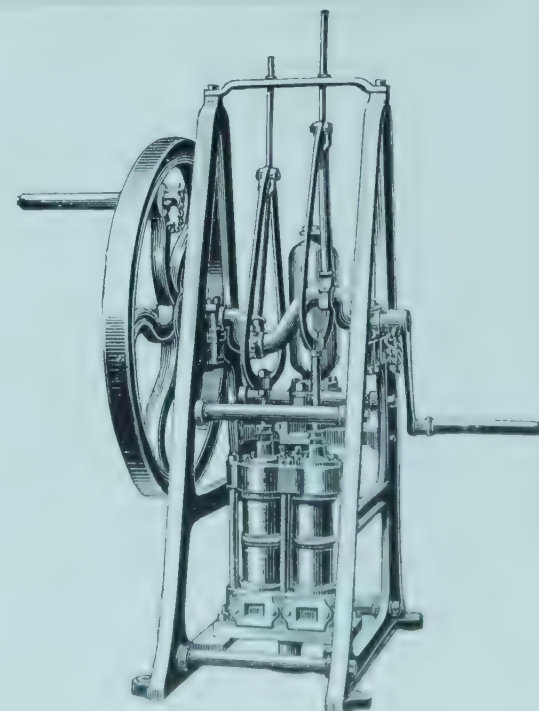


Fig. 228.

Terms cash.

We do the largest trade in Hand Pumps in India.

Terms cash.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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## IMPROVED PORTABLE DOUBLE-BARREL IRRIGATION PUMP OR FIRE ENGINE ON WHEELS.

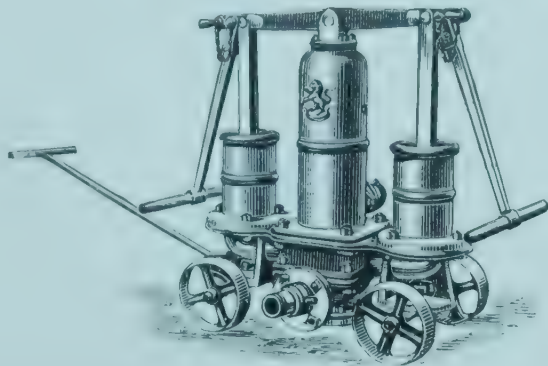


Fig. 203.

Fig. 203 is our improved Portable Double-barrel Pump, which is extensively used for Fire Engine, irrigation and general requirements. It is mounted on massive frame, with four strong wheels and drag handle. Strong wrought-iron handles are provided, which are large enough for eight men to work. Valves are easy of access; by removing the door the lever handles can be lengthened at the socket to increase the leverage; when desired, the axles and wheels can be removed, and the Pump used as a fixture on its iron frame. Gun-metal unions are always included for connecting hose, suction and delivery-pipe.

Number of Pump ... ..	No.	8	12
Bore of working barrel ... ..	in.	4	5
" suction and delivery-pipes ... ..	in.	2	2½
Stroke ... ..	in.	8	8
Price ... ..	Rs.	340	440 each.
India-rubber suction hose, per foot ... ..	"	2-6	2-12 "
Canvas delivery hose ... ..	"	5-3	6-3 "

## CONTRACTORS' DOUBLE BARREL PUMPS.

Fig.	Bore of working barrel.	Length of stroke.	Gallons per hour at 30 strokes per minute.	Price.
	ins.	ins.	galls.	Rs.
205	6	9	6,000	425
205	8	14	8,000	700

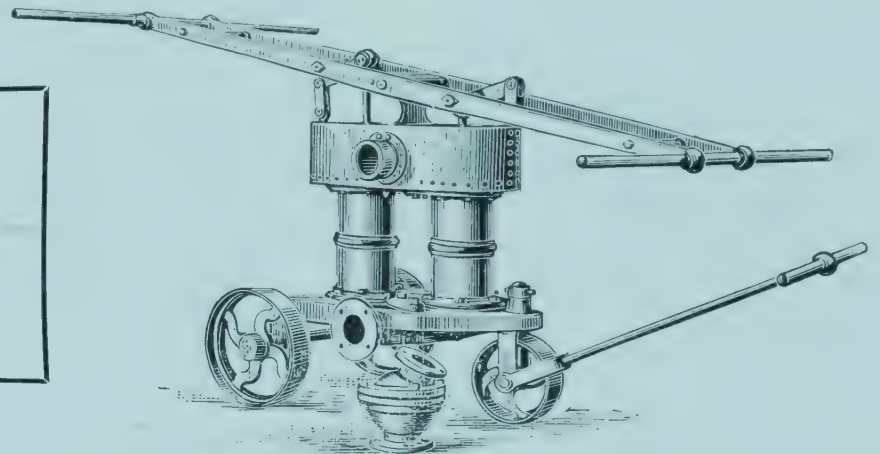


Fig. 205.

The above is our celebrated Portable Double Action Contractors' Lift Pump, which is supplied with cast-iron bored barrels, wrought-iron cistern-head, strong wrought-iron lever working arrangement, and hinged connecting rods to bucket. The barrels are mounted on strong cast-iron pedestal, which is provided with 3 wheels and drag handle for portability. These Pumps are supplied largely to Railway Companies, Tea Gardens, Indigo Concerns, and are fitted with ball and socket joint. (25-ft. wrought-iron flanged suction pipe with strainer attached, 4-ft. leather delivery hose flanged, and bolts and nuts. Rs. 100-0 and Rs. 125-0 extra.)

## ROTARY PUMP FOR POWER.

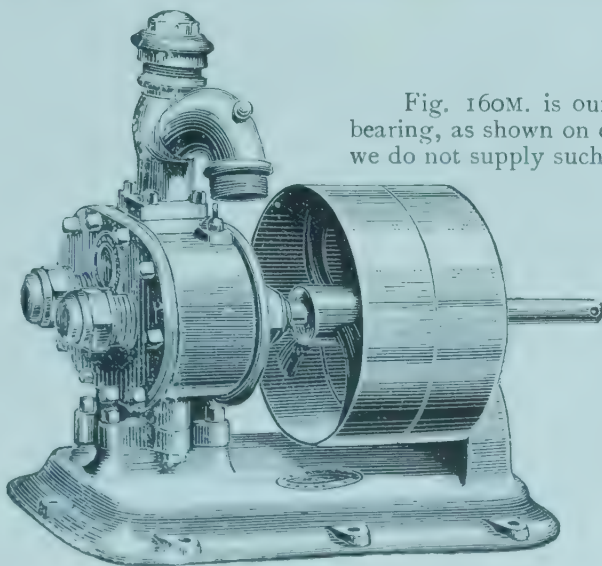


Fig. 160M.

Fig. 160M. is our Rotary Pump for Power, being provided with fast and loose Pulleys and outside bearing, as shown on engraving. The shaft is made of sufficient length to take fly wheel for hand power, but we do not supply such unless specially ordered. The suction and delivery is screwed for tube, and the nozzle is screwed for hose.

For continuous working we recommend a speed of about 60 revolutions per minute for these Pumps.

In no case should the pipes be less than stated, and for lengths of over 25-ft. it is advisable to use longer pipes.

Number of Pump ... ..	2	3	4	5
Dimensions of working wheels in Pump } body ... .. in. }	4 × 3½	5 × 3	5½ × 3	5½ × 4
Bore of suction pipe ... .. in.	1½	1½	1½	2
Bore of delivery pipe for Figs. 160G and } 160M ... .. in. }	1	1½	1½	2
Galls. raised per minute if worked at 100 re- } volutions for Figs. 160G and 160M approx. }	14	17	27	36
Prices ... .. Rs.	95-0	110-0	130-0	150-0



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## PORTABLE DOUBLE-BARREL SHIPS' PUMP OR FIRE ENGINE.

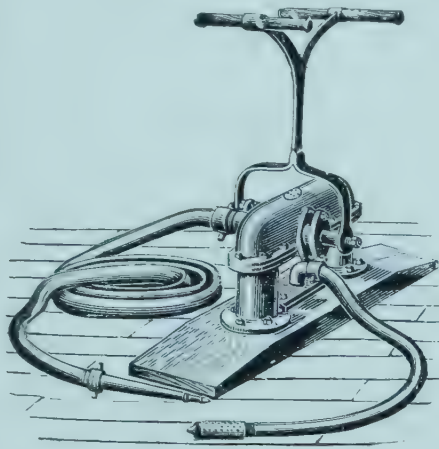


Fig. 191.

As approved by the Government Commissioners and adopted by the Royal Navy and Merchant Service. It is mounted on a wooden block and fitted up in the most substantial and careful manner. The valve chamber and body are in two parts, with flanged joints, so that the body of the Pump can be lifted off and the valves cleaned or renewed with ease.

## GUN-METAL STRONG PATTERN.

Diameter of Pump barrels	...	...	...	in.	3	4	5
" suction pipes	...	...	...	in.	1½	2	2½
" delivery pipes	...	...	...	in.	1¼	1½	2
Stroke	...	...	...	in.	4	4¾	5
Water discharged per hour	...	...	...	galls.	150	200	300
Price of Pump with gun-metal barrels, buckets, valves, and two half couplings	...	...	...	Rs. each.	160-0	185-0	225-0
Price of India-rubber suction hose	...	...	...	Rs. per ft.	1-14-0	2-6-0	2-12-0
" India-rubber delivery hose	...	...	...	Rs. per ft.	1-2-0	1-4-0	1-12-0
" canvas delivery hose	...	...	...	Rs. per ft.	0-4-3	0-4-6	0-5-3

## CHALLENGE DOUBLE-ACTING FORCE PUMP.

## SUITABLE FOR IRRIGATION PURPOSES.

Fitted with vibrating straps to the handle—giving a guiding motion and preventing undue wear of the glands or bending of the piston rod—brass-lined cylinder, gun-metal piston rod, valves, and valve seats. The top and bottom chambers are connected to the body of the Pump, so that easy access may be had to both the suction and delivery-valves. The water passages are direct and of ample size, and the whole design is most simple, substantial and durable. Fitted with brass unions for suction and delivery hose and one lever handle.

Diameter of working barrel	...	...	...	in.	3	4
" suction pipes	...	...	...	in.	1¼	1½
" delivery pipes	...	...	...	in.	1	1¼
Stroke	...	...	...	in.	4½	5
Price of Pump	...	...	...	Rs.	75-0	80-0
" India-rubber suction hose	...	...	...	Rs. per ft.	1-8-0	1-14-0
" India-rubber delivery hose	...	...	...	Rs. per ft.	0-14-0	1-2-0
" canvas delivery hose	...	...	...	Rs. per yd.	0-3-3	0-4-3

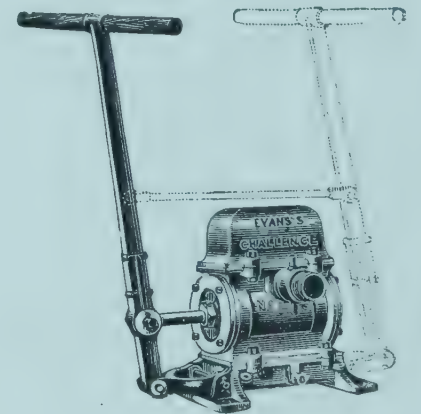


Fig. 185.

## THE "MARINE" BILGE PUMPS.

With Brass-lined Cylinder and Reversible Lever.  
Bottom Suction.

## SIZES AND PRICES.

No.	Diameter of Cylinder.	*Suction Flange for	Length of Stroke.	Price, Rs. each.
2	6-in.	3-in. pipe.	4-in.	70-0
4	8½-in.	4-in. pipe.	6-in.	100-0

\*The suction flange may be fitted for other sizes of pipe, but is always fitted as listed unless otherwise ordered. Suction hose nipples furnished when ordered.

The Pump represented by the above cut is adapted for raising large quantities of water by hand from the bilge well of vessels, from stone quarries and coal mines, cellars and ditches, and for irrigating purposes, where the water is not over 20-ft. vertically, from the Pump. They are used much by contractors in removing water from excavations of various kinds.

Fig. 470 is made with suction connection at the bottom of the Pump, and this style is most used where the suction pipe runs to the water vertically.

There are three fulcrums, as shown by the lugs on the engraving, whereby the Pump may be operated with the lever in any one of three positions. The lever, which is substantially constructed of wrought-iron, is bent so that

the Pump may be reversed in the socket, and thus it becomes a vertical lever, which, in some instances, will be found convenient.

The valves are rubber faced, and are made large, so as to give ample water way. They are easily removed for repair. The cylinder is brass-lined. A flange threaded for suction pipe is bolted to the bottom of the Pump. At a slight additional cost we fit these Pumps, when ordered, for suction hose.

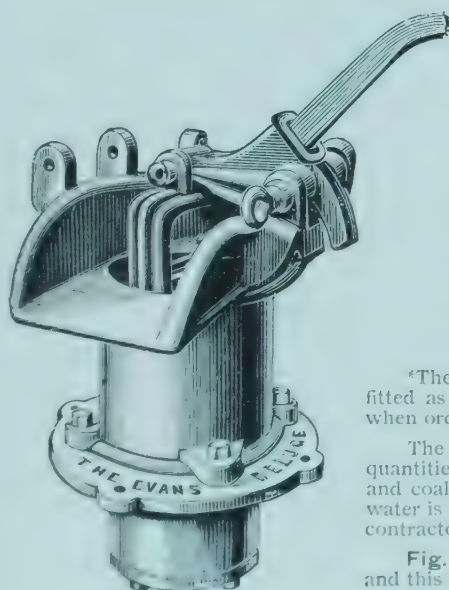


Fig. 470.

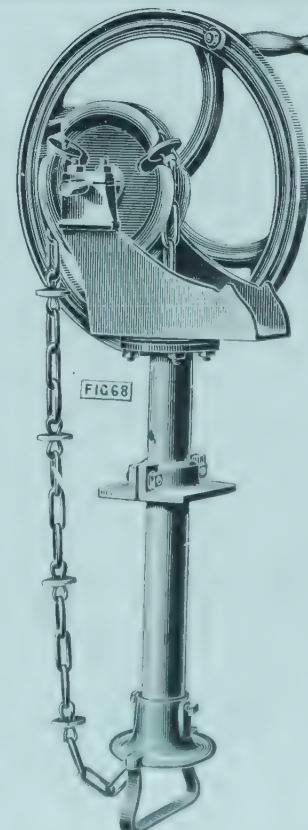


Fig. 68.

## CHAIN PUMPS.

Gold Medal Chain Pump, Fig. 68, is our new design Chain Pump, uncovered, 12-ft under spout. This is most substantially made in every respect, and is arranged for hand-power.

This 2-in. diameter Chain Pump will deliver about 800 gallons per hour when driven at 60 revolutions per minute.

Price of Pump, complete for 12-ft. lift, Rs. 70-0 each.

Price of Pump, complete for 24-ft. lifts, Rs. 95-0 each.



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2-0, CHOWRINGHEE ROAD,

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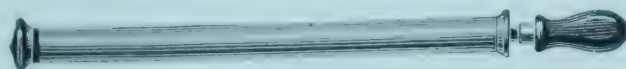
## PATENT GARDEN SYRINGES FOR THE HOT SEASON.

## BRASS FLORAL GARDEN SYRINGES.

With rose, No. 99, 6-in. barrel ... .. Price, Re. each, 1-0  
With rose, No. 99, 8-in. barrel ... .. " " 1-8  
With rose, No. 99, 12-in. barrel ... .. " " 2-0

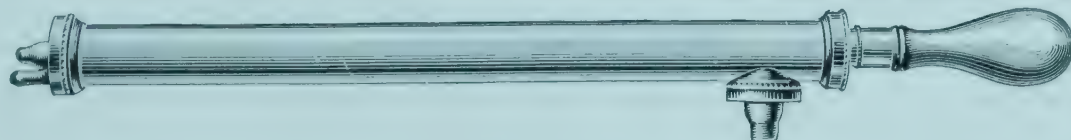
## ZINC FLORAL GARDEN SYRINGES.

With rose, No. 98, 16-in.  $\times$  1 $\frac{1}{2}$ -in. barrel ... .. Price, Re. each, 1-4



## BRASS FLORAL GARDEN SYRINGE.

No. 200, 10-in.  $\times$  1-in. barrel Price, Rs. each, 2-4  
No. 017, 18-in.  $\times$  1 $\frac{1}{2}$ -in. barrel. With jet and  
rose, ... .. Price, Rs. each, 3-0

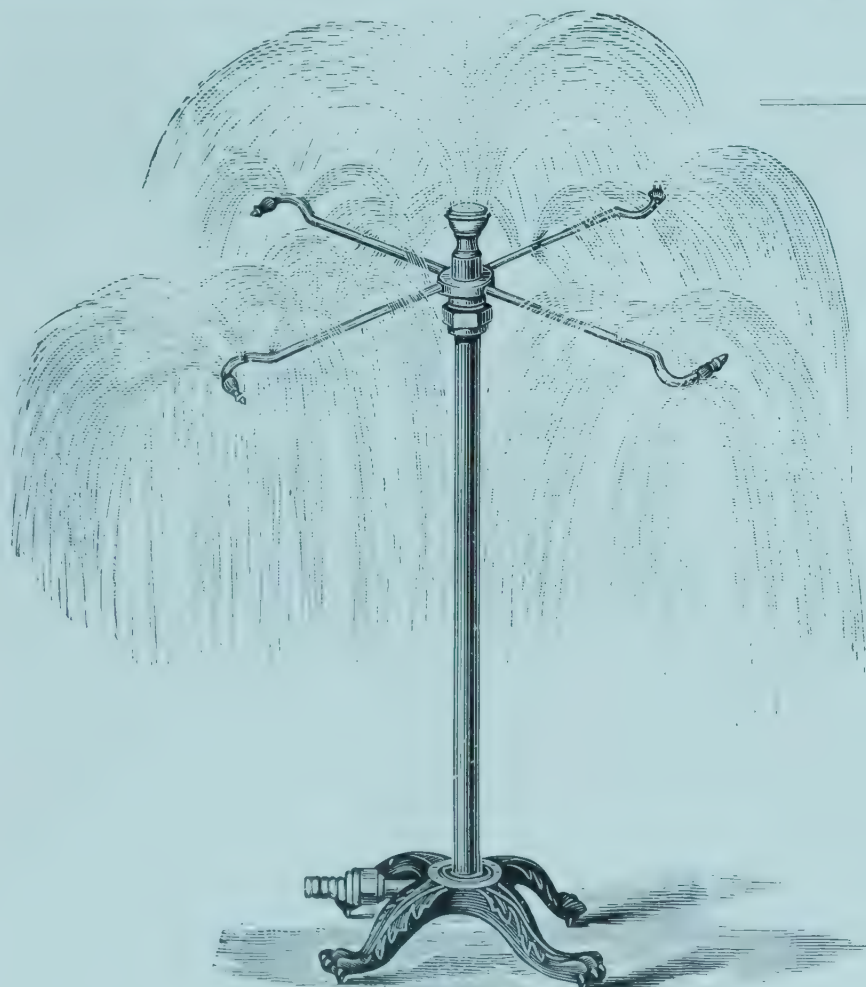
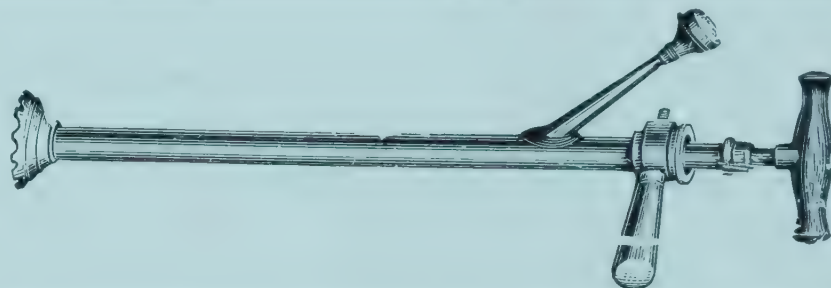
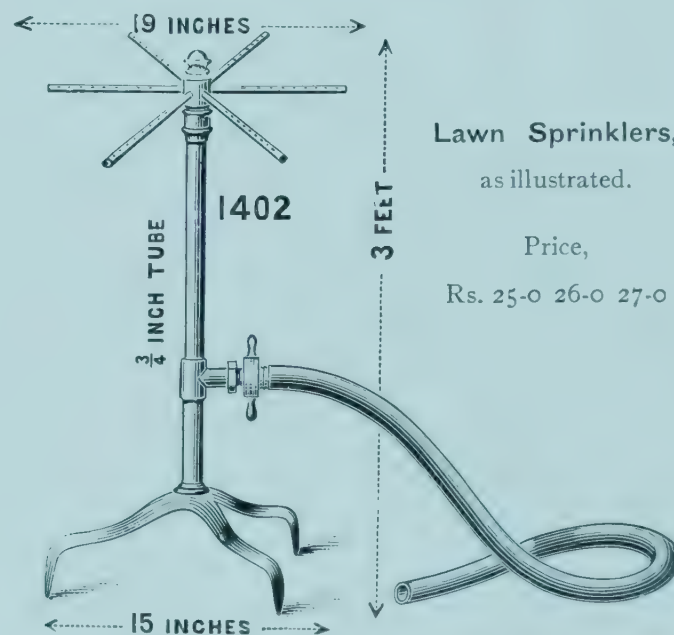


## BRASS FLORAL GARDEN SYRINGE.

With 1 rose and 1 jet, No. 153,  
16-in.  $\times$  1 $\frac{1}{2}$ -in. barrel Price, Rs. each, 7-8  
With 1 rose and 1 jet, No. 153,  
18-in.  $\times$  1 $\frac{1}{2}$ -in. barrel Price, Rs. each, 8-8

## LONDON HOLBORN GARDEN FERN PUMP.

Patent Holborn Garden Pump, double action. A  
cheap, useful Pump, very suitable for washing shrubs, plants,  
lawns, &c. Price, Rs. 7-12 each.

THE NEW PATENT  
LAWN SPRINKLER AND  
FOUNTAIN JET.

Lawn Sprinklers,  
as illustrated.

Price,  
Rs. 25-0 26-0 27-0

A most useful and portable Lawn Sprinkler.

This is the latest thing in Fountain Jets, and is beautifully finished, fitted with plain or spray top and spray arms. The arms and top being loose, swing round when the water is turned on. Price of Fountain Jet only:—

4 Branch	...	Rs. 11-8 each.
6 Branch	...	Rs. 12-8 ..
8 Branch	...	Rs. 13-8 ..

Price of stand in wrought-iron, and Brass Hose Coupling for Sprinkler, Rs. 13-8 each extra.

Terms cash.

We are the largest importers of Ornamental Fountains, Chairs, &amp;c., in India.

Terms cash.



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## THE LATEST DESIGNS IN REVOLVING LAWN SPRINKLERS.

A quick and effective means of watering lawns, parks, gardens, or public grounds has been improved and perfected by the manufacturer. The following description will convey to the reader an idea of what the Sprinkler is like. Sprinklers are elevated on a tripod stand (No. 2321), having an ordinary hose pipe to furnish the water. The pressure of water causes the Sprinklers to **revolve**, and the motion is rapidly increased by the force of their own impetus, the ground being hereby **well covered with spray**, while the entire Machine may be **conveniently removed** from one position to another. Price, Rs. 25-0 each.

### "BUTTERFLY" PATTERN FOUNTAIN JET.



No. 1,411. "Wing Butterfly" Pattern. Price, Rs. 6-12 each.

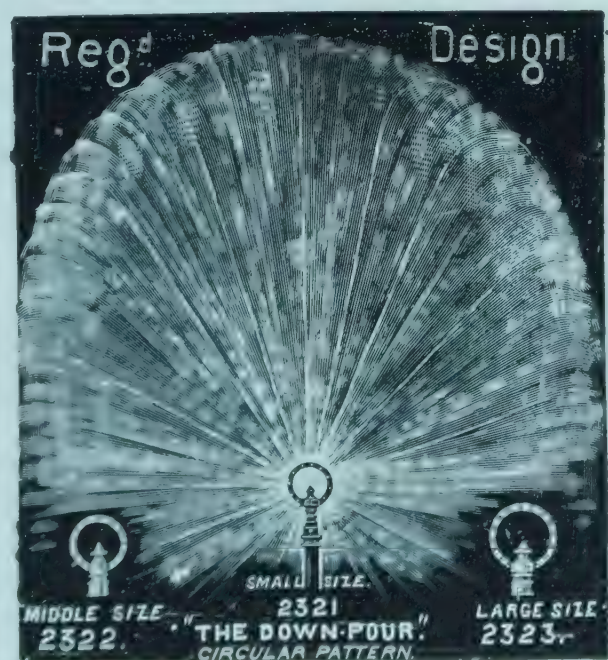
### "DOUCHE" PATTERN FOUNTAIN.



No. 1,409. The "Douche" Pattern. Price, Rs. 4-12 each.

No. 2,320, by 4 arms, Rs. 13-8  
No. 2,320, by 6 arms, Rs. 15-8

### THE "DOWNPOUR" FOUNTAIN JET.



No. 2,321. The "Downpour" Pattern. Price, Rs. 5-0 each.

No. 2,322. The "Downpour" Pattern. Price, Rs. 3-8 each.

### THE "AMERICAN" FOUNTAIN JET.



No. 1,402. The "American" Pattern, 4 arms. Price, Rs. 4-8

No. 1,402. The "American" Pattern, 6 arms. Price, Rs. 11-8

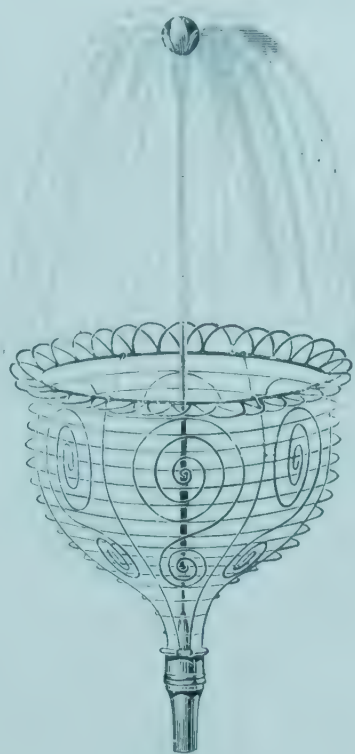


W. LESLIE &amp; CO.,

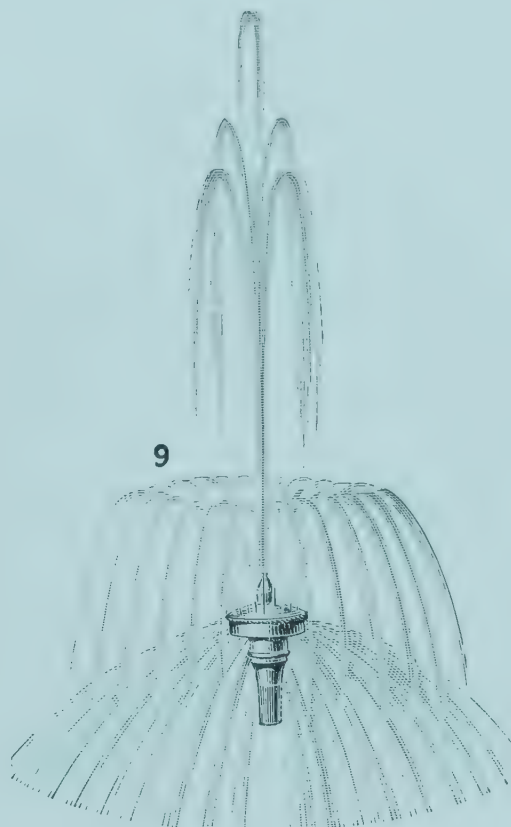
{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

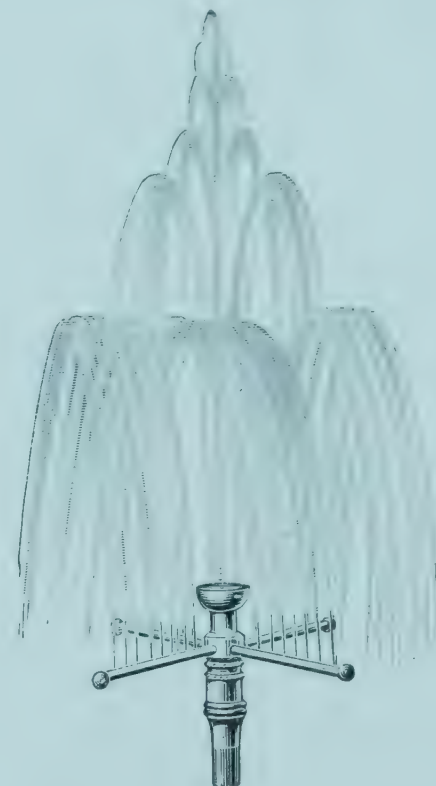
# JETS FOR GARDEN FOUNTAINS AND LAWN SPRINKLERS.



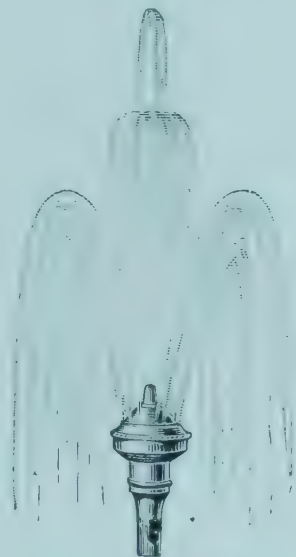
Basket and Ball.  
No. 10 Fountain Jet, as illustrated,  
Rs. 7-12 each.



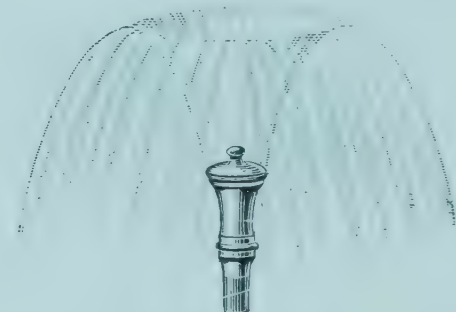
"Fountain" Pattern.  
No. 9 Fountain Jet, as illustrated.  
Rs. 3-4 each.



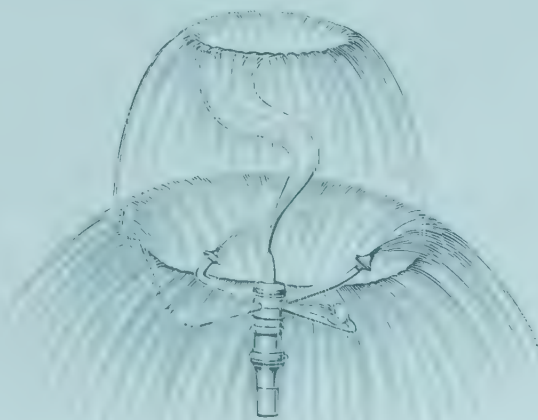
"Barkers'" Mill. For 1/2-in. W.-I. Pipe.  
No. 14 Fountain Jet, 6-in., as illustrated.  
Rs. 6-12 each.



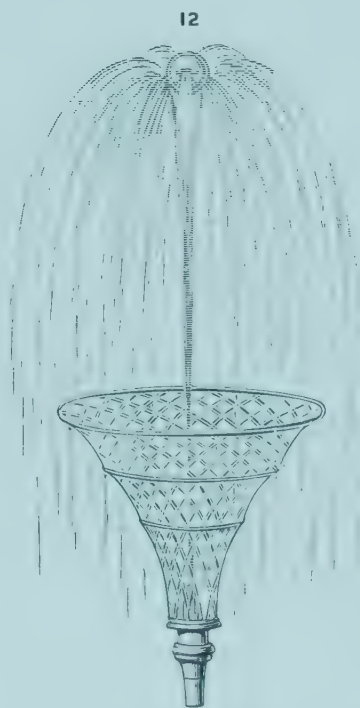
Prince of Wales' Feather.  
No. 18 Fountain Jet, as illustrated.  
Rs. 2-14 each.



"Convolvulus" Pattern.  
No. 15. Differing a little from illustration.  
Rs. 4-4 each.



Sprinkler. No. 8 Fountain Jet, as illustrated.  
Rs. 6-0 each.



Basket and Ball.  
No. 12 Fountain Jet, as illustrated.  
Rs. 9-8 each.



Pattern.  
No. 3 Fountain Jet, as illustrated. Rs. 7-4 each.  
No. 4 Fountain Jet. .. .. Rs. 1-8 "  
No. 5 Fountain Jet. .. .. Rs. 6-0 "

Terms cash.

The largest stock in India of Ironmongery is held by W. Leslie &amp; Co., Calcutta.

Terms cash.



W. LESLIE &amp; CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

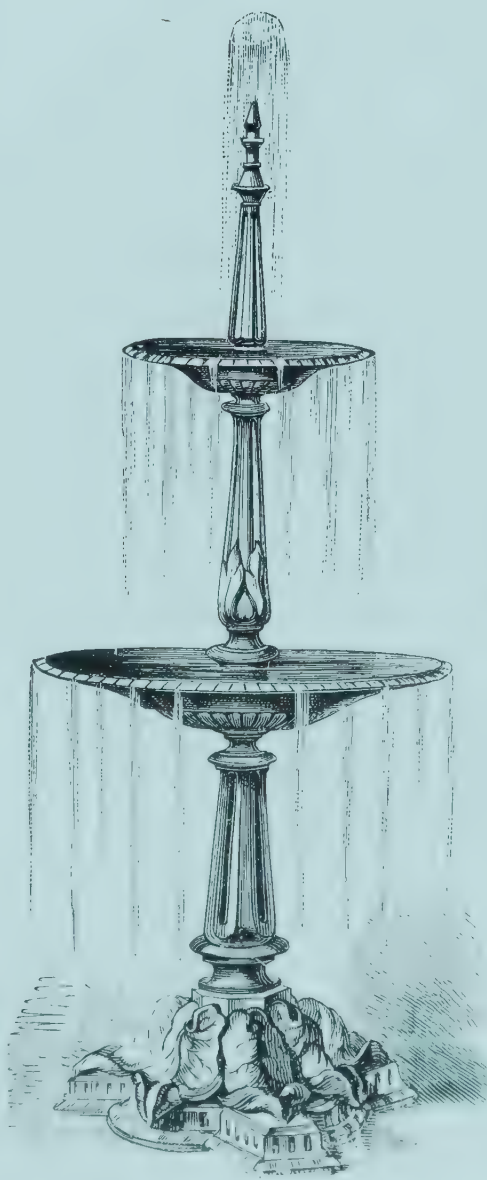
## GARDEN FOUNTAINS.

ORNAMENTAL AND ARTISTIC IN DESIGN. BRONZES CAST IRON

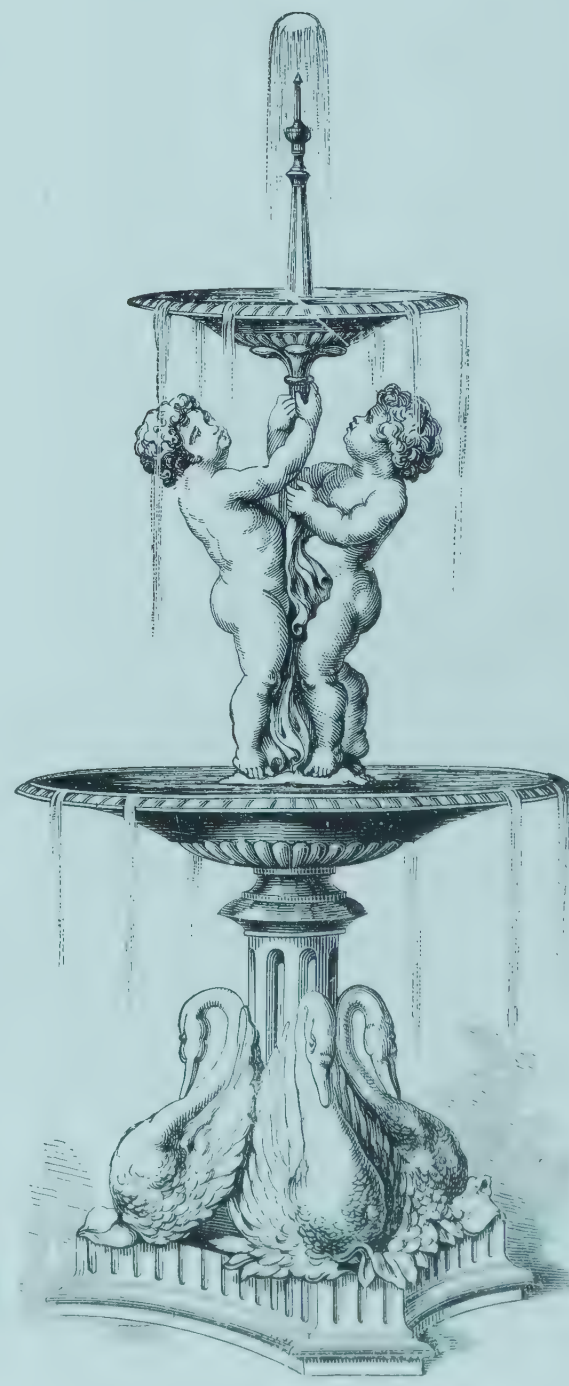
Take to Pieces for Packing.



No. 26. "CUPID," dolphin base.  
4-ft. 10-in. to underside jet.  
Including brass jet ... 175-0 each.



17. 4-ft. to underside jet.  
Including brass jet ... 87-8



No. 27. "BOYS," with swan base.  
4-ft. 10-in. to underside jet.  
Including brass jet ... 197-8 each.

Terms cash.

Send for current Catalogue of Garden Fountains and Tools.

Terms cash.



# W. LESLIE & CO., CALCUTTA.

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEAL'S STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

## GARDEN FOUNTAINS.

ORNAMENTAL AND ARTISTIC IN DESIGN.

BRONZES, CAST-IRON.



56.

56. 6-ft. 0-in. high, lower basin, 4-ft. 0-in. diameter.  
Bronzed, including jet ... .. Rs. 290-0

54. 6-ft. 10-in. high, lower basin, 4-ft. 0-in. diameter.  
Bronzed, including jet ... .. Rs. 350-0

Prices are subject to fluctuation, and are ruled by a  
cheap edition of this Catalogue issued twice annually.



54.

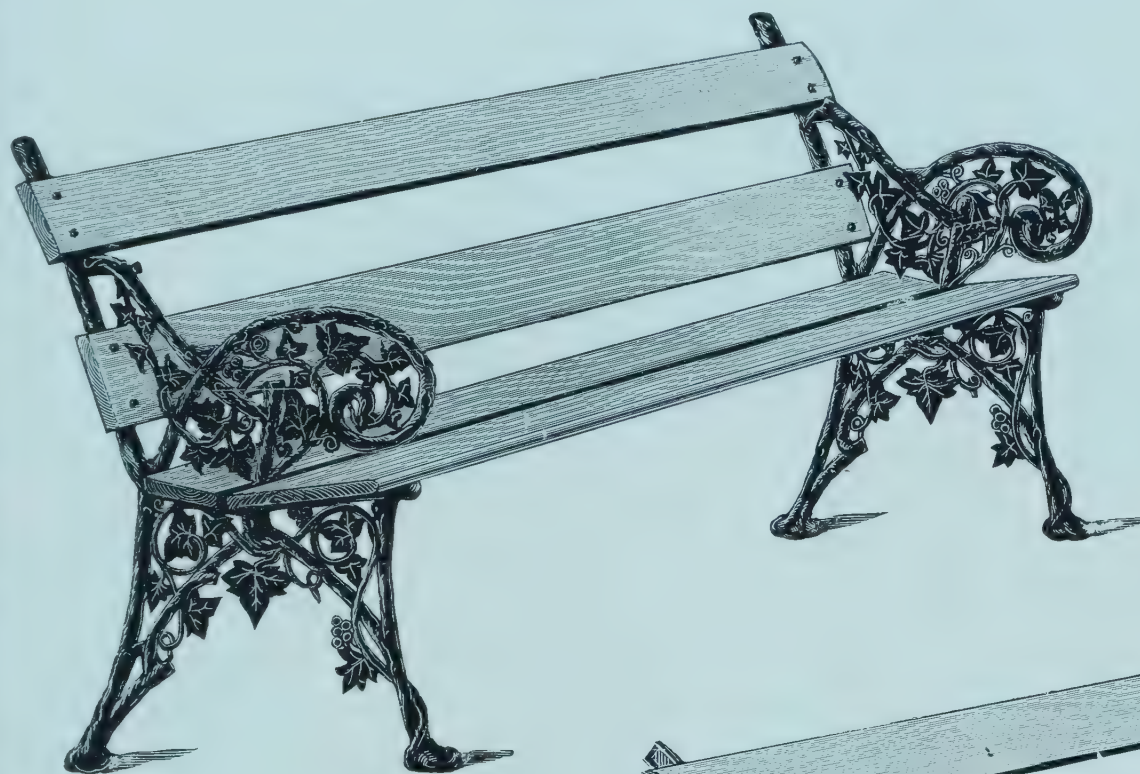


W. LESLIE &amp; CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## GARDEN CHAIRS OR BENCHES.



No. 15. GARDEN CHAIR.

Back and bottom teakwood, ends painted.

Sizes ... 48 60 72-in. long.

Prices ... Rs. 16-0 17-0 18-0 each.

Cast Iron ends only, unpainted, Rs. 8-12 per pair.

Cast Iron ends only, painted, Rs. 9-8 per pair.

Bolts and Nuts, Rs. 1-8 per set.



No. 14. GARDEN CHAIR.

Size ... 72-in. long.

Rs.

Back and bottom teakwood, ends painted ... 40-0 each.

Back and bottom varnished (two coats), ends bronzed ... 45-0 „

Ends only, No. 14, unpainted ... 21-0 per pair.

Ends only, No. 14, bronzed ... 27-0 „

Screws ... 1-0 per set.



LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

GARDEN CHAIR.



44.

"NASTURTIUM."

Wooden seat, ornamental iron back and legs.

6-ft. 1-in. long. Price, Rs. 65-0

GARDEN CHAIR.



46.

"HORSE CHESTNUT."

Wooden seat, ornamental iron back and legs.

6-ft. long. Price, Rs. 75-0



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## THE "ROYAL BENGAL" LAWN MOWER.

NOTE THE PRICES.

HIGHEST GRADE AND MOST PERFECT LAWN MOWER MADE.

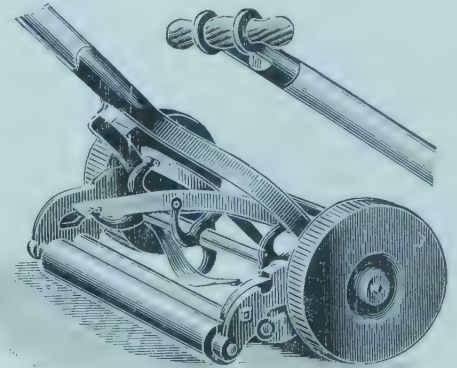
We offer this machine against all other competitors in Lawn Mowers on the following points of excellence :—

IT CUTS BANKS, IT CUTS BORDERS, it cuts slopes, it cuts between flower beds, IT CUTS HIGH, SHORT, HEAVY GRASS with ease, unequalled by any other Mower, and, above all, we offer it at lower prices than any other house who job in Lawn Mowers.

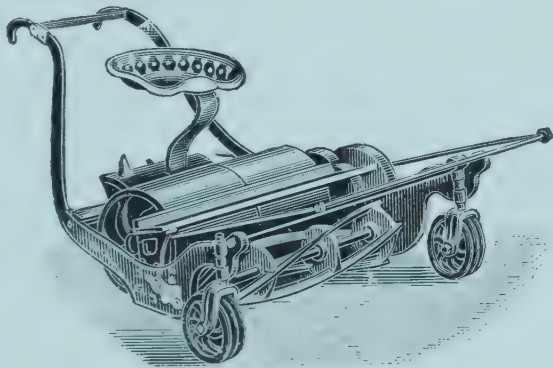
### PRICE OF LAWN MOWER.

Size, in.	...	...	...	10	...	12	...	14	...	16	...	18	...	20
Price Rs.	...	...	...	20-0	...	25-0	...	27-8	...	32-8	...	35-0	...	40-0 each.
Box and packing.	Price Re....	1-0	...	1-0	...	1-0	...	1-0	...	1-0	...	1-0	...	1-0

Prices subject to fluctuation.



## "EXCELSIOR" PONY LAWN MOWERS.

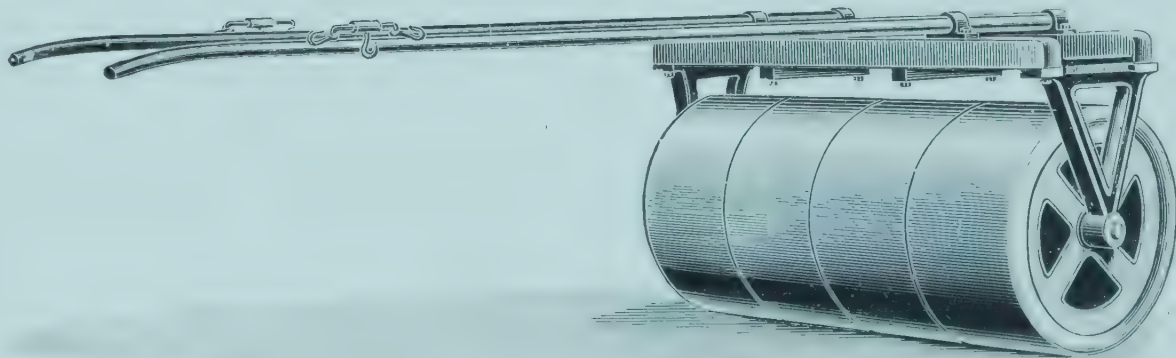


This machine combines the greatest strength, lightness of draught, and has all the working qualities of a Horse Mower.

25-in. cut, without shafts	...	...	...	...	...	Price, Rs. 170-0 each.
Packing and despatching	...	...	...	...	...	Rs. 4-8 "
30-in. cut, with shafts and seats	...	...	...	...	...	Rs. 275-0 "
Packing and despatching	...	...	...	...	...	Rs. 6-0 "

Prices subject to fluctuation.

## HORSE ROLLER.



No. 1. Horse Roller, with shafts and seats for driver, quadruple cylinder as illustrated. Size, 48-in. x 24-in. Price, Rs. 175-0 each.

No. 2. Double Cylinder Garden Roller, with rounded edges and balance handle, nicely finished and painted.

Sizes, in.	...	...	...	...	...	...	...	...	...	20	24	28	30
Prices, Rs. each	...	...	...	...	...	...	...	...	...	45-0	60-0	80-0	97-8



W. LESLIE & CO.,

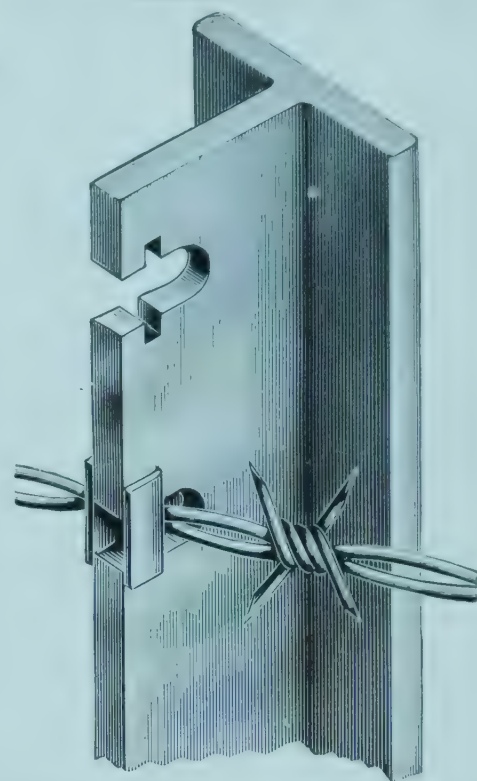
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

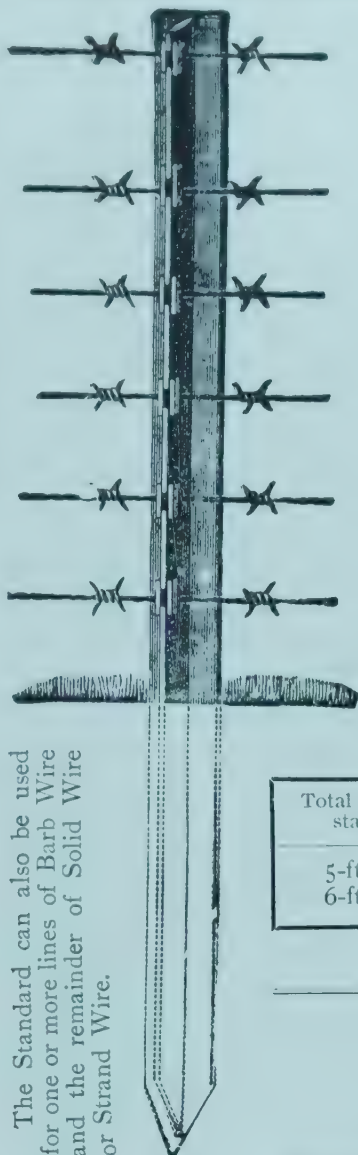
## NEW AND IMPROVED METHOD OF ATTACHING BARB WIRE TO IRON STANDARDS.

LLOYD'S PATENT.

We direct special attention to the above new and improved method of attaching wire to iron fencing standards. Even in the case of plain wire and strand wire it will be found very advantageous, as it entirely dispenses with the ordinary and tedious process of threading the wires through the holes, and thus saves a great deal of time and trouble. For Barb Wire it will be found by far the simplest, strongest, and best method yet brought out. The wire is simply set into the hole and a small clip or plate slipped into the notches and then bent over. The wire is thus firmly held in position and the strength of the standard at its weakest part increased, whilst the appearance is improved, as the slot-hole is hardly noticeable.



The Standard can also be used for one or more lines of Barb Wire and the remainder of Solid Wire or Strand Wire.



Total length of standard.	Height above Ground.	Size of Iron.	Number of Wires.	Price.
5-ft. 6-in.	3-ft. 6-in.	1 1/4-in. x 1 1/4-in.	For 4 Wires.	Rs. 1-2 each.
6-ft. 0-in.	4-ft. 0-in.	1 1/2-in. x 1 1/2-in.	For 5 Wires.	Rs. 1-8 each.

The above Prices include Clips.

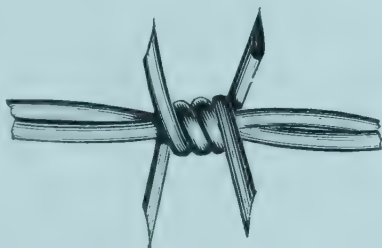
## STEEL BARBED WIRE.

With a view to facilitate transport, and the unwinding of Barbed Wire, it is coiled on wood reels. These reels are made principally in two sizes, holding about 560 and 280 yards respectively.

Special quotations for large quantities, including delivery, sent on application.

For Iron Standards suitable for Barbed Wire Fencing, see above.

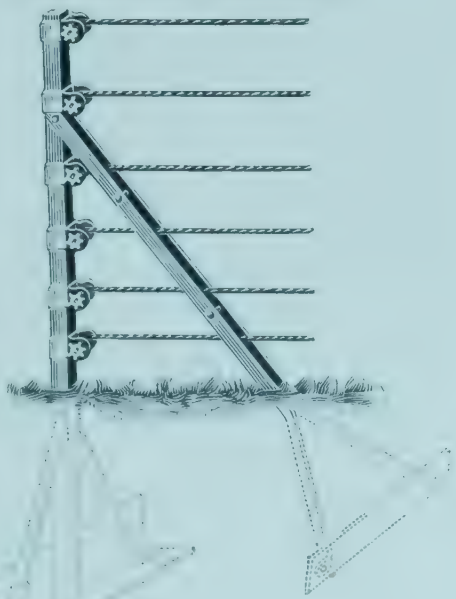
Ordinary 4-barbed, 6-in. apart, 560 yards per cwt ... Price, Rs. 12-8.



Full size of Four-barb.

## STRAINING PILLARS, No. 3, for Barb and Strand Wire Fence.

No. 3 Terminal for Strand.



No. 3 Terminal for Barb Wire.



No. 3 TERMINAL.

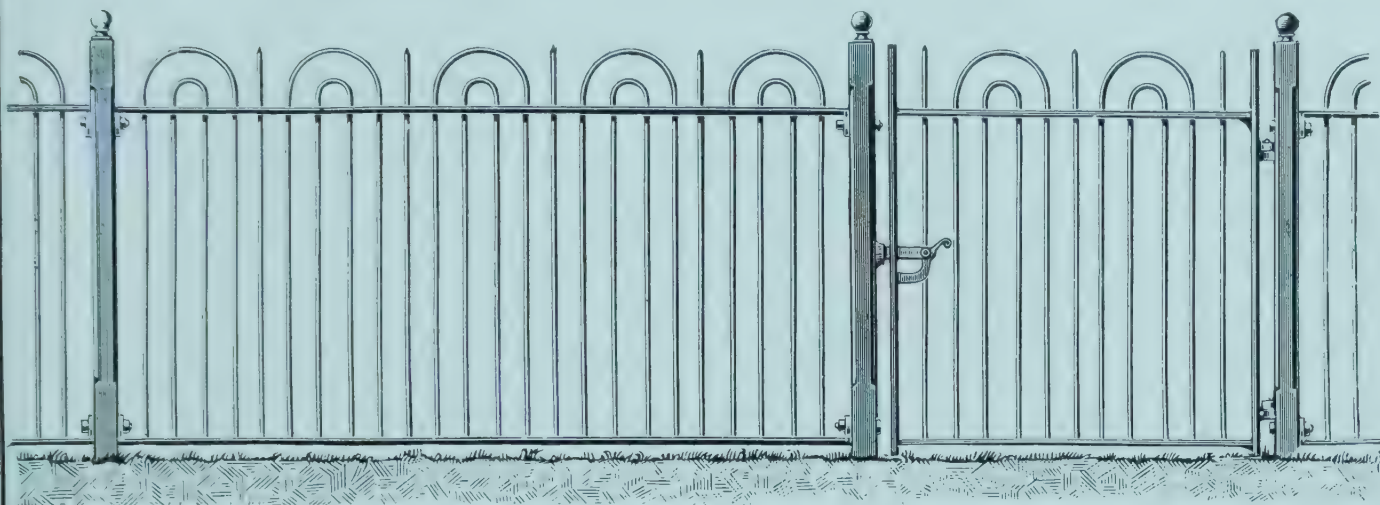
Height.	Stays.	No. of Wires.	At Godown.
3 1/2-ft.	...	1 ... 4 ...	Rs. 12-8
4-ft.	...	1 ... 5 ...	Rs. 16-0

Subject to fluctuation.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## ORNAMENTAL WROUGHT-IRON RAILING, for Cottages.



This Railing is suitable for the fronts of Cottages or Villa Residences, or for dividing Gardens, etc. It is made in 6 feet lengths. Standards and horizontal bars are made of  $1\frac{1}{4} \times \frac{3}{8}$  inches, and the vertical bars of  $\frac{3}{8}$ -inch and  $\frac{1}{2}$ -inch round iron, placed  $2\frac{1}{2}$  inches apart, centre to centre. The Railing is made in various heights from 3 feet to 4 feet.

No. 158.—6 feet long  $\times$  3 feet high,  $\frac{3}{8}$ -inch drawn verticals.

"	"	$3\frac{1}{2}$	"	$\frac{1}{2}$	"	"	} Prices on application.
"	"	4	"	$\frac{1}{2}$	"	"	

HAND GATES, to suit No. 158—

3 feet 6 inches wide, with  $\frac{3}{8}$ -inch verticals, prepared to hang and fall to standards of Railing. } Prices on application.

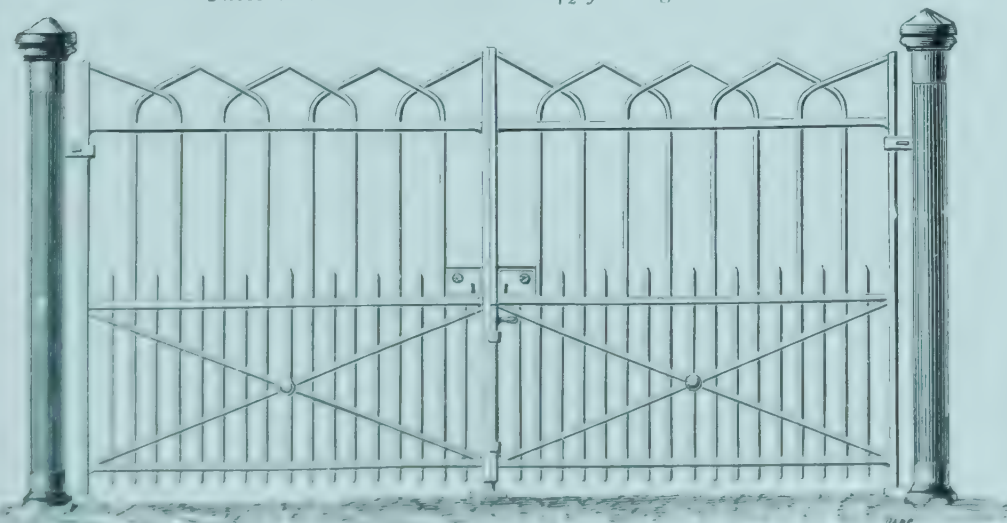
Cast-Iron Pillars,  $2\frac{1}{2}$  inches square, and as in No. 158, to suit above Gates, with self-fixing bases.



No. 15.—UNCLIMABLE HURDLE, as represented above.

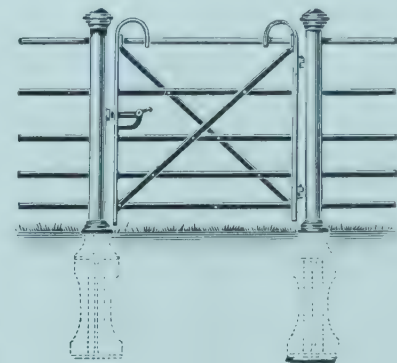
Is 6 feet long and 4 feet high above the ground line, with feet as shewn, 16 inches below. The end uprights are  $1\frac{1}{2} \times \frac{3}{8}$  inch, the horizontal bars also  $1\frac{1}{2} \times \frac{3}{8}$  inch, and the vertical bars  $\frac{1}{2}$  inch diameter, pointed at top, and riveted at bottom into horizontal bar, and placed  $3\frac{3}{4}$  inches apart. It is a very strong fence, and being unclimbable is well suited for public situations, enclosing gardens, &c.

These Hurdles are also made  $4\frac{1}{2}$  feet high.

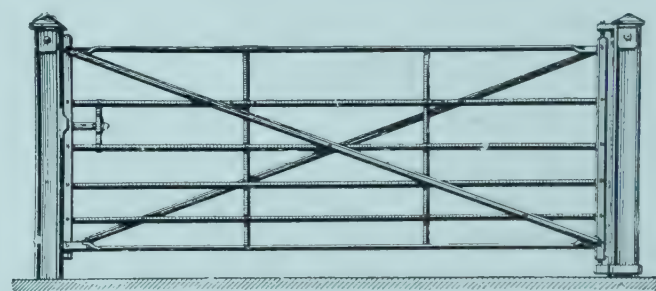


Any size made to order.

Prices are subject to fluctuation without notice.



Pattern No. 53 is fitted to self-fixing cast-iron pillars, and is very firm when fixed, affording the means of making a neat connection with the fence on either side of it. Pattern No. 54 is fitted to wrought-iron pillars, made self-fixing, which are also prepared to receive the bars of the fence. Both patterns are  $3\frac{1}{2}$  feet wide.



No. 40.—PRIZE WROUGHT-IRON FIELD GATE, with Wrought-Iron Self-Fixing Posts.

This gate has obtained eleven premiums, and the Silver Medals of the Royal Agricultural Society of England and the Royal Agricultural Improvement Society of Ireland. It is constructed principally of angle and T iron, which impart amazing strength and rigidity to the gate, without a corresponding increase in weight; it is hung to the post by thimbles, as shown in the engraving, which slip over the top of the post. The posts are of solid wrought-iron, with basements of plate-iron, so disposed as to have great holding power in the soil, and quite sufficient, when well rammed in stiff soil, to carry the gate without either stone or wood blocks. Size, 9 feet wide  $\times$  4 feet high from ground line to top bar.

Price with self-fixing hanging and falling posts, complete, Rs. 75-0  
,, without posts ... .. Rs. 32-8

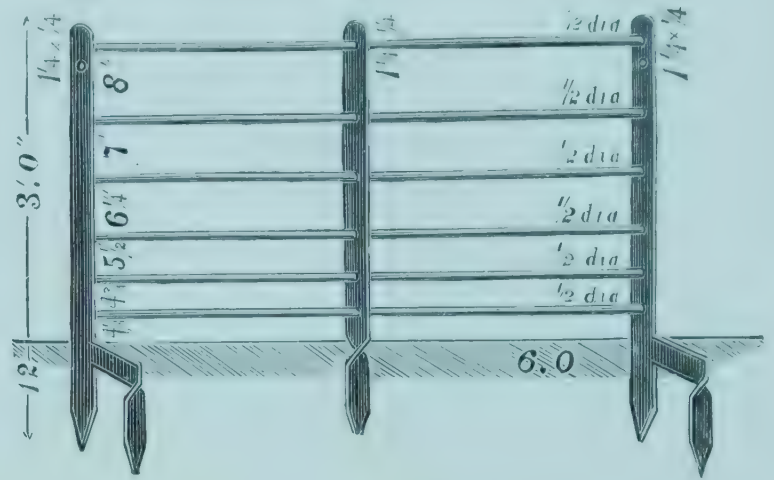
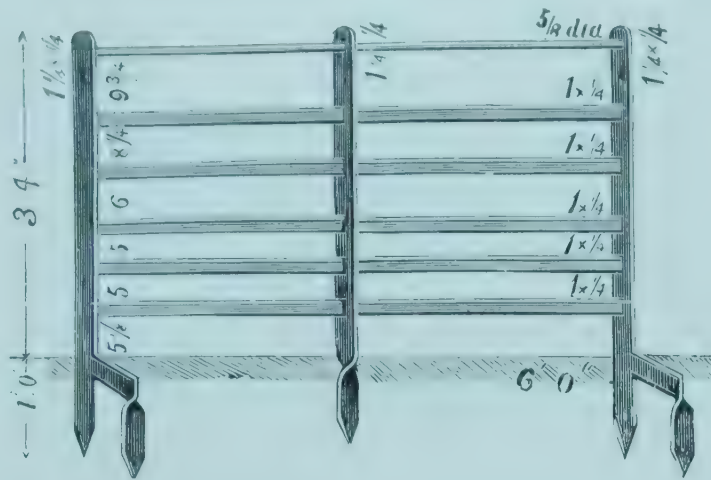
## GATES FOR CARRIAGE DRIVES OR ENTRANCES.

No. 45.—WROUGHT-IRON ENTRANCE GATES.

Nos. 45 and 45A are very light in appearance, and yet strong, and look equally well whether hung to the fluted cast-iron posts represented, or to stone or brick piers. Size 10 feet wide  $\times$  5 feet high; the spaces in the lower part of the gate being 2 inches between the bars; fluted cast pillars  $4\frac{1}{2}$  inches diameter at base, and 3 inches diameter under cap.

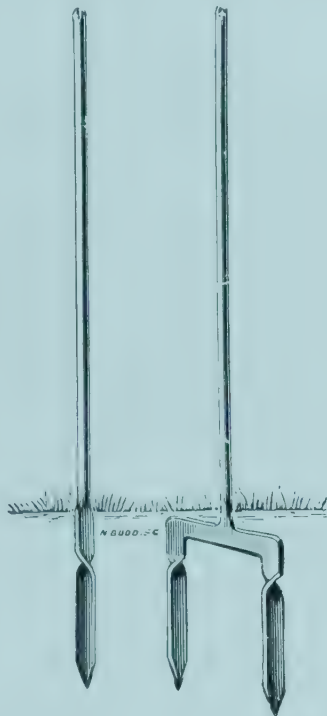


HURDLES. PRICES ON APPLICATION. ANY SIZE MADE TO ORDER.



WROUGHT IRON STAKES,

FOR SUPPORTING WIRE NETTING.



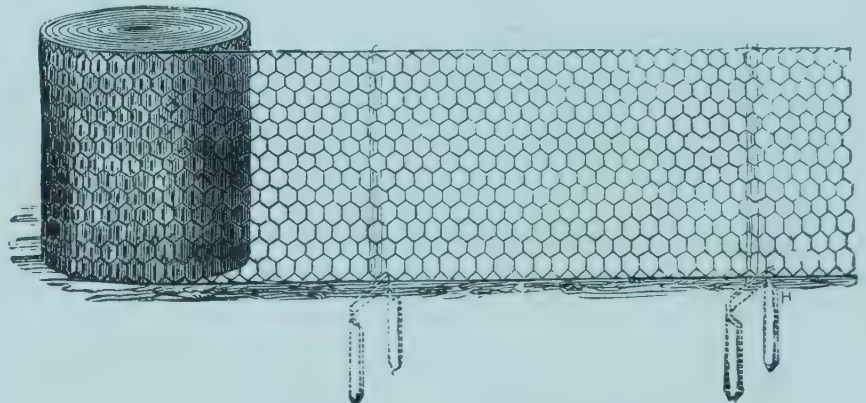
These are much used for the temporary protection of growing crops. Each stake has a slit in the top to receive the selvage of the netting.

No. 4, 36-in. above ground, As. 12-0 each.

GALVANIZED WIRE NETTING.

Important Reduction in Prices.

We have much pleasure in directing attention to the *very important reductions* we have made in the price of this article. The machinery used in the manufacture is constructed upon the most modern and improved principles, and we believe that our Netting will compare favourably with any in the market in all the three essential points of strength, good material and first-class workmanship. Large stocks are always kept on hand, so that orders to any extent can be promptly executed.

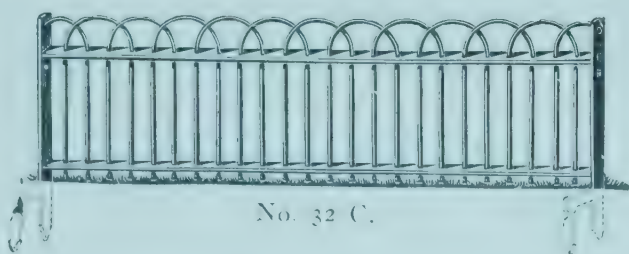


NET PRICES PER 50 YARD ROLL.

Mesh.	Gauge.	Quality.	36 inches wide.
1/2-in.	20	Strong	Rs. 22-8
3/4-in.	20	Medium	Rs. 15-0
1-in.	20	Medium	Rs. 13-0
1 1/2-in.	19	Medium	Rs. 9-4
1 3/4-in.	19	Medium	Rs. 9-4
2-in.	19	Medium	Rs. 7-8

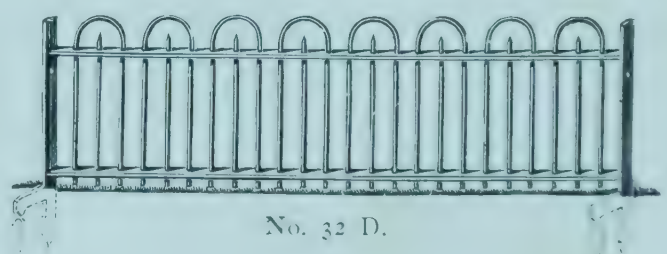
Also 24-in. by 2-in. mesh, Rs. 5-4 roll.

Ornamental Light Wrought-Iron GARDEN BORDER HURDLES, for Croquet Lawns, &c.



No. 32 C.

Prices on application.



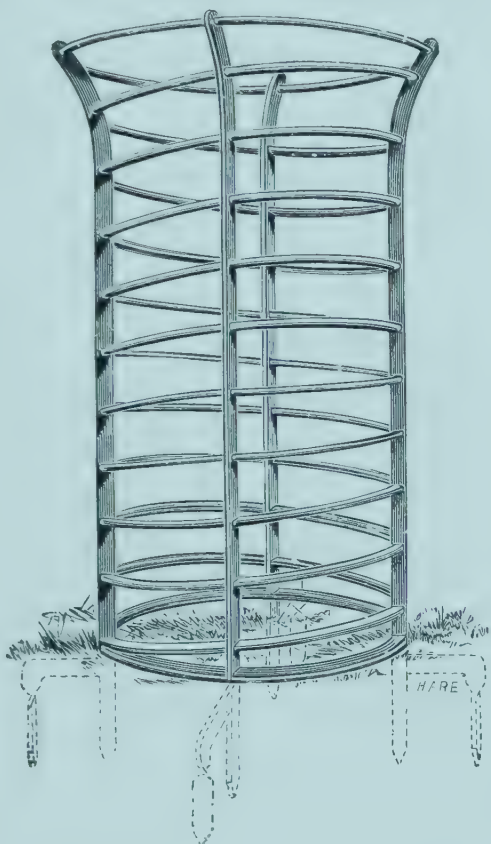
No. 32 D.

Subject to fluctuation.



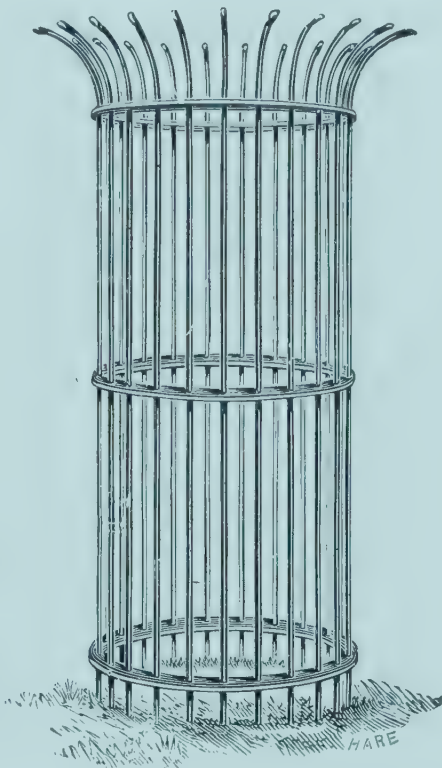
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.

STRONG WROUGHT-IRON TREE GUARDS.



No. 2 Tree Guard, 6 feet high,  $2\frac{1}{2}$  feet diameter, with 9 rings.

Price, Rs. 10-8.



No. 4 Tree Guard, 5 feet high,  $2\frac{1}{2}$  feet diameter.

Price, Rs. 16-8.



No. 1 Tree Guard, 5 feet high,  $2\frac{1}{2}$  feet diameter, with 8 rings.

Price, Rs. 14-8.



No. 6.

These Guards are made in the same way as ordinary hurdles, but are circled, and are in two parts to bolt together.

No. 6A, with Round Bars.

No. 7 is the most useful against cattle, being curved out at top.

Prices are subject to fluctuation without notice.

	Price, Rs.	15-0.	16-0.	18-0.	20-0.
Tree Guard No. 6.—4 feet diameter, 4 feet high.					
		5	4	4	5
Tree Guard No. 7.—4 feet diameter, 4 feet high.					
		5	4	4	5



No. 7.

No. 7A, with Flat Bars



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

SOLID STEEL SHOVELS, SPADES AND FORKS.



Garden Spades.  
Rs. 2-4 each.



Navy Shovels.  
No. 2 3 4  
Rs. 10-8 .. 12-0 .. 13-8



Tender Shovels.  
18 X 9.  
Rs. 36-0 dozen.

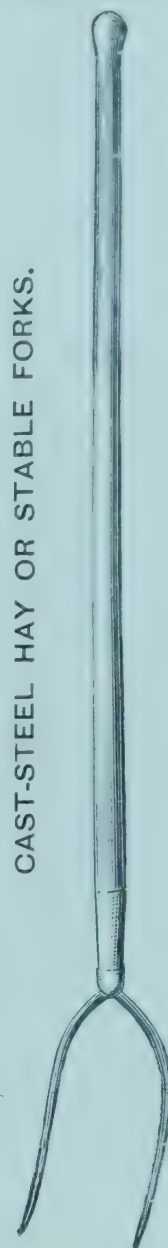


Square Shovels. T handle.  
No. 2 3 4  
Rs. 10-8 .. 12-0 .. 13-8



Digging Forks.  
4 prong.  
Rs. 2-4 each.

CAST-STEEL HAY OR STABLE FORKS.



Transplanting.

SOLID STEEL TRANSPLANTING TOOLS, DUTCH HOES, AND TROWELS.



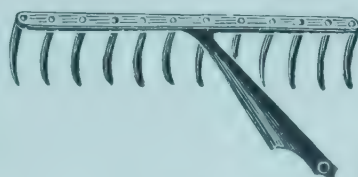
Price, Rs. 3-4.

FORK.



Price, Rs. doz. 7-8 .. 10-8 .. 15-0.

RAKE.



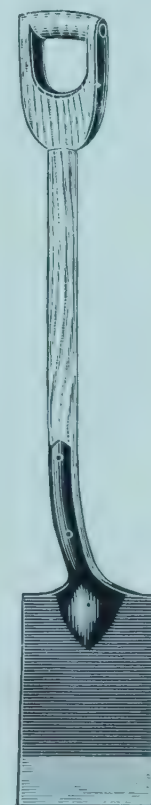
Garden Rakes.

Teeth 10 12 14 16  
As. each 0-10 .. 0-12 .. 0-14 .. 1-0  
Handles fitted, As. 14-0.



DUTCH HOE.  
Inch 6 7 8  
Rs. each 0-14 .. 1-0 .. 1-2.

SETS OF TOOLS.



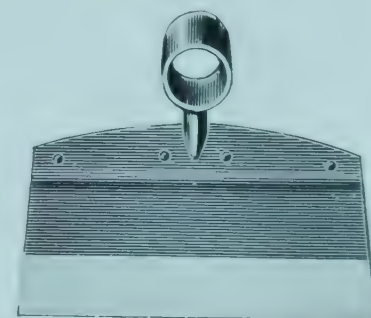
Prices per set :  
Rs. 2-4 to 9-0.

TROWELS.



Garden Trowels. As. 0-8, 0-10, 0-14,  
1-2 each.

HOE.



Garden Hoes.  
Inch 6 7 8  
As. each 0-12 .. 0-14 .. 1-0.

Terms cash.

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue, issued twice annually.

Terms cash.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

# LESLIE'S "JACKAL" SOLID STEEL SHEFFIELD-MADE KODALLIES.

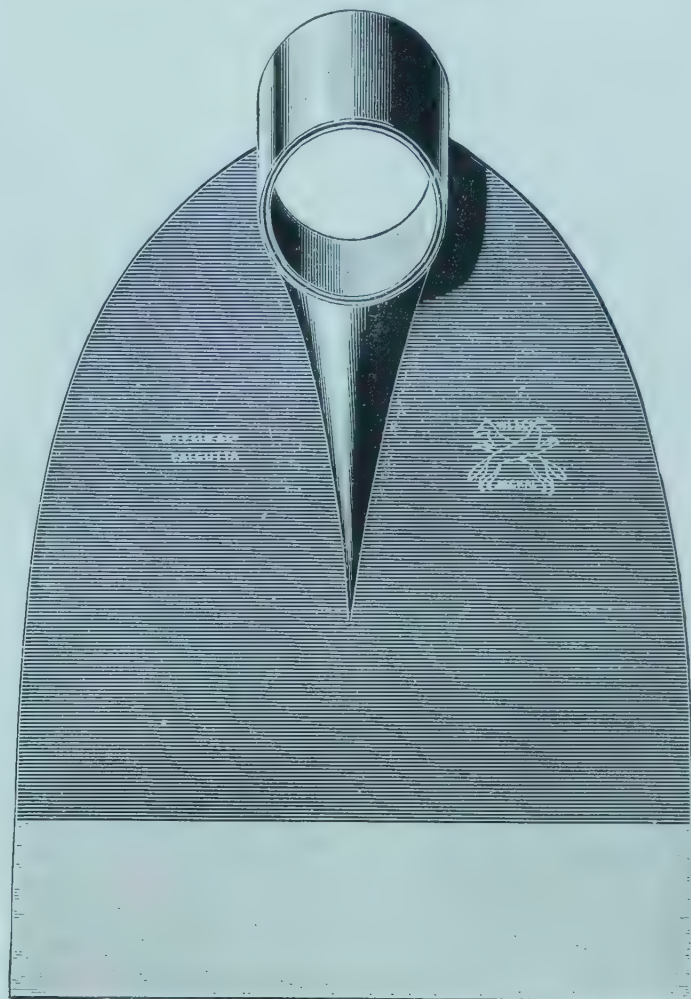
No. 5000. ALL STEEL.



- No 4. 10 $\frac{1}{4}$ -in.  $\times$  7 $\frac{3}{4}$ -in. ... Rs. 9-12 per doz.  
No 5. 10 $\frac{3}{4}$ -in.  $\times$  8 $\frac{1}{4}$ -in. ... Rs. 10-12 "  
No. 6. 11 $\frac{1}{4}$ -in.  $\times$  8 $\frac{3}{8}$ -in. ... Rs. 11-12 "

Our No. 5000 "Jackal" Brand Kodallie has been one of our successes in business. It has no equal in the market at the price.

No. 4000. CAST STEEL.

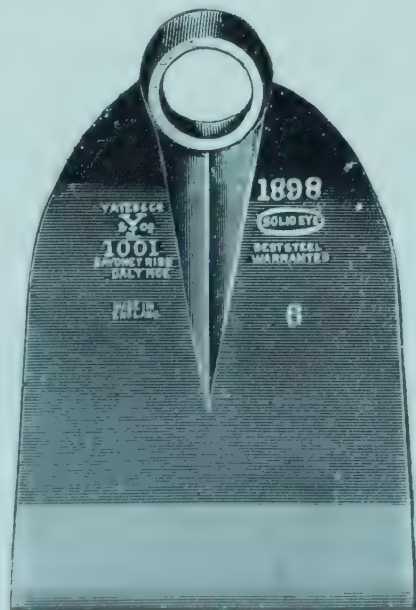


- No. 6. 11-in.  $\times$  8 $\frac{1}{2}$ -in. ... Rs. 16-8 per doz.  
No. 7. 13-in.  $\times$  9-in. ... Rs. 17-8 "

Our No. 4000 "Jackal" Brand Kodallie has been much improved during the past few months, and we have every confidence in saying that for design, quality, and finish it has now no equal in the market at any price.

Every Kodallie bears our Registered Trade Mark, "Cross Jackal."

Yates' Kodallies, No. 1001.



- No. 5 6 7  
Rs. 18-3 17-11 16-0 per dozen.

Yates' Kodallies, Elephant Brand.



- No. 5 6 7  
Rs. 18-3 ... 20-0 ... 22-0 per dozen.

Subject to Inspection.



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
4, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

} CALCUTTA.

## SWAN'S IMPROVED CAST-STEEL KODALLIE.

SWAN'S  
IMPROVED  
CAST-STEEL  
KODALLIE.

(As illustrated).



	Size.	Weight.
No. 4.	11½ in. × 8½ in.	4 lbs.
Price, Rs. 13-8 per dozen.		

	Size.	Weight.
No. 5.	12 in. × 9 in.	5 lbs.
Price, Rs. 15-8 per dozen.		

Made of the best quality Cast-steel throughout.

The two leading features of Swan's Patent Kodallie are its extended bayonet and angular cutting edge.

The **Bayonet Ridge** extends from the neck to the point of the Kodallie, very heavy at neck and gradually broadening and tapering off towards point, giving special strength and rigidity to the Kodallie, and preventing bending or buckling while being used in stiff soil.

The Kodallie is so forged that it will retain its angular edge as it wears.

The **angular cutting edge** shown in illustration ensures much deeper cultivation than with the square edge type of Kodallie, because the blade does not strike with its full width at once, and the same weight of blow gives greater penetration.

Swan's Kodallie has been specially designed for the **Tea Planting community**, and all others who are aware of the advantages of **thorough cultivation**. It has been tried privately for some time, and the reports are most satisfactory. Although it has been on the market for a few weeks only, large numbers have been sold, and every practical man who has seen it has expressed favourable opinions of it.

The following advantages are claimed for this hoe :—

- |   |                                      |
|---|--------------------------------------|
| 1.—It is made of best quality Cast-steel.                                       | 5.—It cannot be bent.                |
| 2.—It costs no more than the ordinary hoe.                                      | 6.—It cannot be broken.              |
| 3.—It is suitable for all kinds of work for which the ordinary hoe can be used. | 7.—It keeps its shape.               |
| 4.—It does more work and goes deeper with less labour.                          | 8.—It is worth your while to try it. |

We are **Sole Agents** for the Swan Kodallie on this side of India.

SOLE MAKERS:

SEPTIMUS VAUGHAN, LTD., West Bromwich, England.  
LOCKWOOD BROS., LTD., Sheffield, England.

Terms Cash.

We do the Kodallie Trade of India.

Terms Cash.



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.



## SOLID CAST-STEEL REAL AMERICAN "PRIDE OF THE JUNGLE" WEDGE AXES.

The success with which we have met in pioneering these high-class American Axes during the past season has been so encouraging that we have just placed an order for **two thousand dozen (24,000)** Axes, assorted, from 3 to 5-lbs., for next season's demands, and we mean to sell them.

Sizes, lbs.	2½	3	3½	4	4½	5
Prices, Rs. doz.	17-0	20-4	21-0	24-0	27-0	30-0

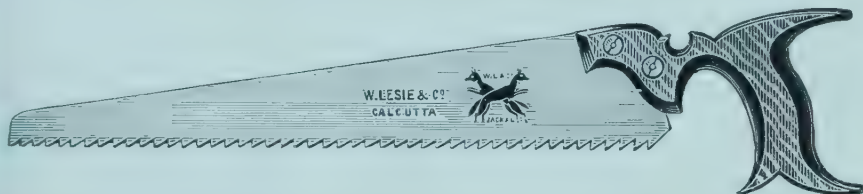
As. 8-0 per lb.

We have the sole right to the sale of "Pride of the Jungle Axes" in India.



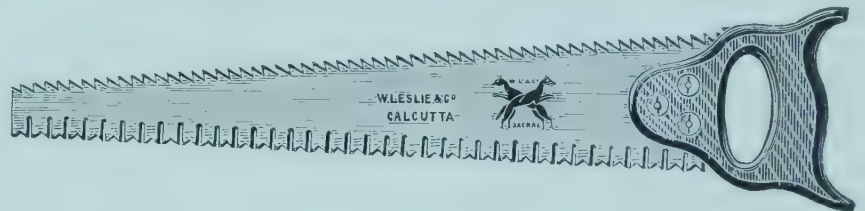
None are genuine unless they bear this label.

### TEA PRUNING SAWS.



Sizes, in.	12	14	16
Price, Rs. doz.	9-0	10-8	12-0

### THE GREAT AMERICAN PRUNING SAWS.



Tea Garden Saw.	Sizes, in.	14	16
	Price, Rs. doz.	19-8	21-0

### AMERICAN HUNTERS, OR CANADA HATCHETS.



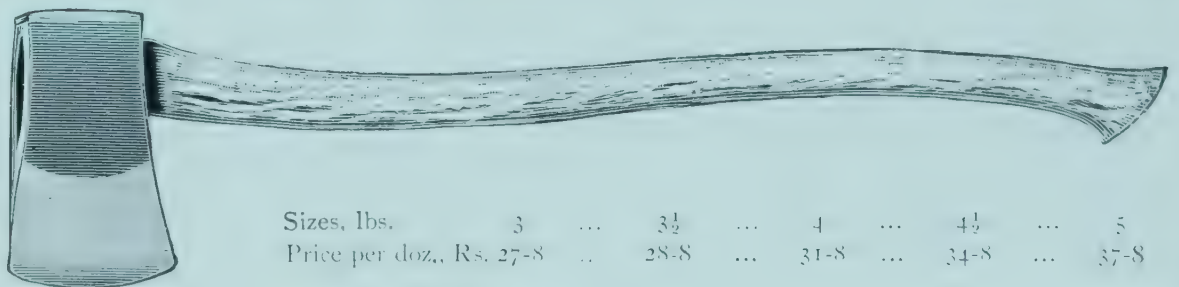
Hunters' Canada Wedge-shape Hatchets, with handles.  
Price, Rs. 2-4 each.

### AMERICAN CLAW HATCHET.



Best Solid Steel Claw Hatchets, as illustrated.  
Price, Rs. 2-4 each.

### REAL AMERICAN WEDGE AXES, HANDLED.



Sizes, lbs.	3	3½	4	4½	5
Price per doz., Rs.	27-8	28-8	31-8	34-8	37-8

### "YATES ASTON MANOR" CAST-STEEL WEDGE AXES.

Size, lbs.	3	3½	4	4½
Price, Rs. per doz.	31-8	36-12	42-0	47-4

As. 14-0 per lb.

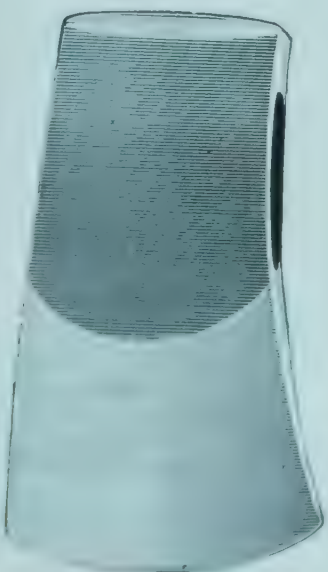
If handled, Rs. 9-0 per doz. extra.



### SOLID CAST-STEEL "JACKAL" BRAND SHEFFIELD-MADE INDIAN AXES, as illustrated.

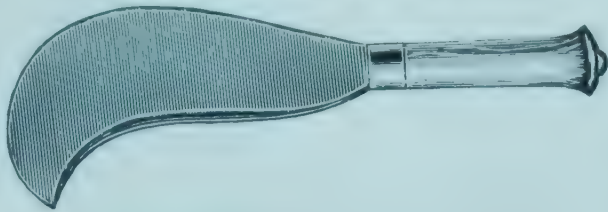
Sizes, lbs.	3	3½	4	4½
Price, Rs. per doz.	18-0	21-0	24-0	27-0

As. 8-0 per lb.



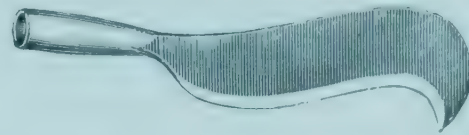


BUSHING HOOKS.



Single Bushing Bill Hook, Rs. 1-8 each.

BUSHING BILL HOOK.



Double Bushing Bill Hook, Rs. 1-14 each

BUSHING SOCKET BILL.



Socket Bushing Bill Hook. Rs. 1-8 each.

HEDGING BILL, HANDLED.



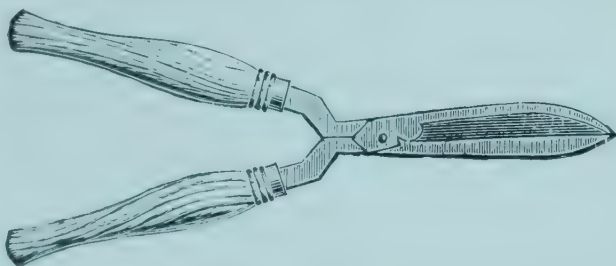
10-in. blade. About 48-in. long. Price, Rs. 3-8 each.

LAWN GRASS SCYTHE BLADE.



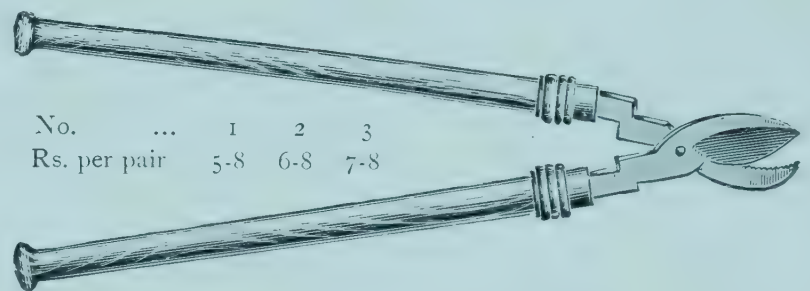
Blade 36-in long. Rs. 3-4. Handle 63-in. Rs. 3-4. Stone, As. 8 each. Total, Rs. 7-0.

IMPROVED GARDEN SHEARS.



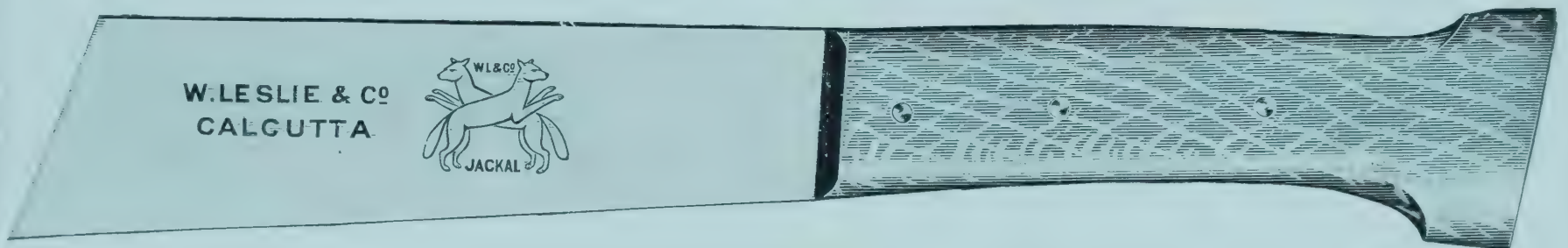
Size ... 8-in. 9-in. 10-in.  
Price, Rs. 2-12 3-4 3-12

BRANCH OR LOPPING SHEARS.



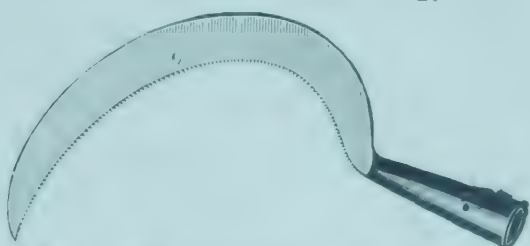
No. ... 1 2 3  
Rs. per pair 5-8 6-8 7-8

DHAWS OR JUNGLE CUTTERS.



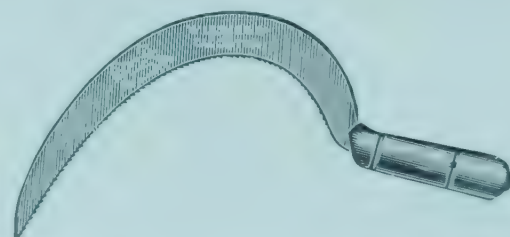
Solid Steel Sheffield-made Dhaws. Size 14-in. blade. Price, Rs. 16-12 per doz.  
" 17-in. blade. " Rs. 21-0 "

SOCKET HANDLE SICKLES.



Indian Hook. With iron socket. Rs. 9-8 per doz.

WOODEN HANDLE SICKLES.

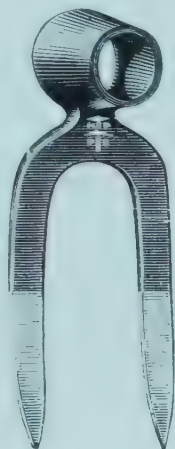


Indian Sickle. Wood handle, rivetted. With teeth. Rs. 7-8 and 8-8 per doz.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 4, DHARAMTALA STREET, 2-0, CHOWRINGHEE ROAD, } CALCUTTA.

**FLAT PRONG.**  
Solid Steel Kodallies  
or Assam Fork.

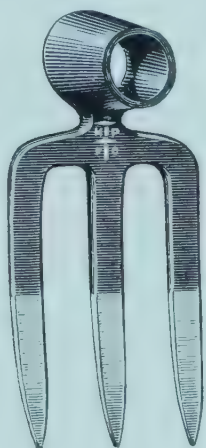


Size, 10-in.  $\times$  5½-in.

Weight 3-lbs.,

Price, Rs. 16-12 per doz.

**FLAT PRONG.**  
Solid Steel Kodallie  
or Assam Fork.



Size, 10½-in.  $\times$  6½-in.

Weight, 3½-lbs.

Price, Rs. 17-8 per doz.

**FLAT PRONG.**  
Solid Steel Kodallie  
or Assam Fork.



Size, 10½-in.  $\times$  7¼-in.

Weight, 4-lbs.

Price, Rs. 18-12 per doz.

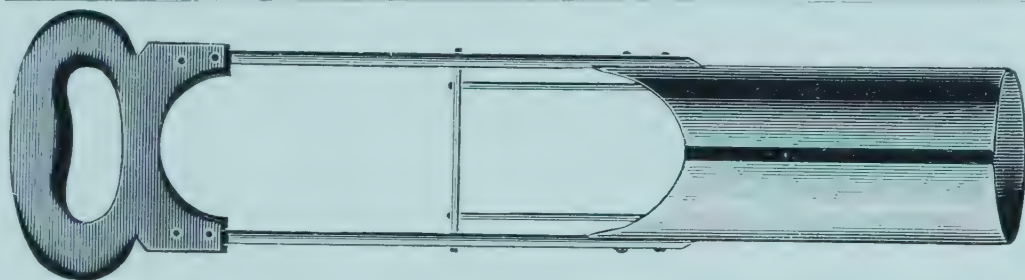
**YATES' SQUARE PRONG.**  
Kodallie Fork.



3 Prong Diamond point,  
Kodallie Fork, as illustrated.  
9-in.  $\times$  6¼-in. Weight 4-lbs.  
Rs. 24 per doz.

4 Prong ditto, 3¾-lbs.  
Length 9½-in.  $\times$  7¼-in.  
Rs. 26 per dozen.

Subject to fluctuation without notice.



## PATENT "ROPANA" TRANSPLANTER.

The "Ropana" is the best tool of its kind made. The Ropana is labour saving. It is easily manipulated. It is simple in construction, and can be repaired by any Native Blacksmith.

Length overall ... ..	26-in.	26-in.	26-in.	26-in.
Diameter ... ..	3½-in.	4-in.	4½-in.	5-in.
Price ... .. Rs. each	6	7	8	9

## BEST ENGLISH-MADE HAND TRUCKS, AS ILLUSTRATED.

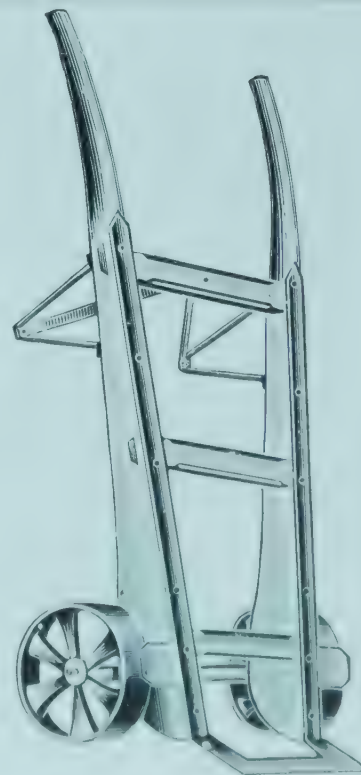
These Trucks are built of best selected and seasoned Ash with refined Iron mounts and Cast-iron Wheels.

	Height.	Width between handles.	Width of Step.	Price Rs.
No. 0	46-in.	18½-in.	11-in.	15
2	52-in.	23½-in.	14-in.	20
4	66-in.	26-in.	15-in.	30

Block Trucks for moving heavy weights. Size, 30-in.  $\times$  20-in. on 4-ft. 5-in. Cast-Iron Wheels. Height from ground 6-in. Price, Rs. 10.

Tea Garden Stoves a Speciality

Send for Season's Catalogue





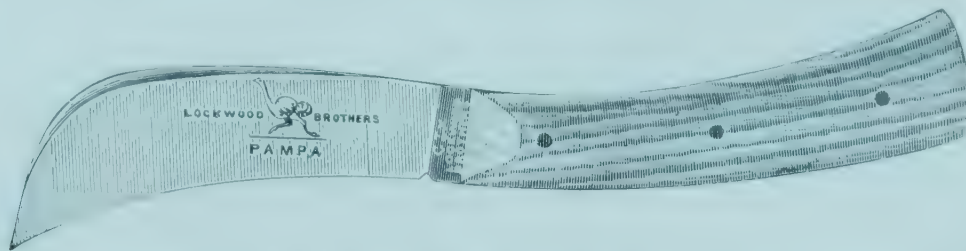
W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

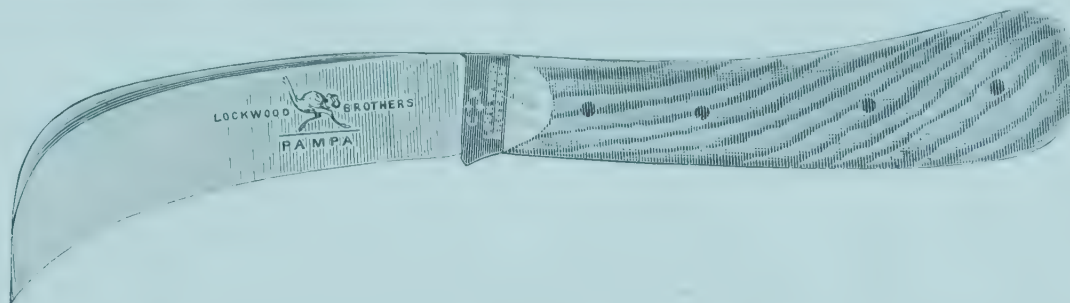
CALCUTTA.

SPECIAL WHOLESALE PRICES OF GARDEN PRUNING KNIVES.

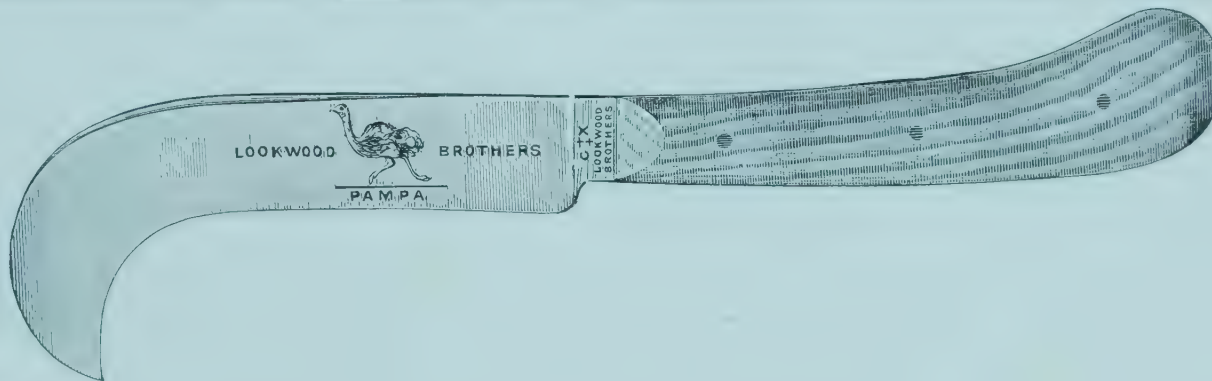
Made in our patterns from information obtained and suggestions made by Tea Planters. Made from the best shear steel; they will take and carry a keen edge; they are not ground from back to front, but are ossulated in grinding, are tough in temper, and are not liable to notch. We warrant every knife, and better cannot be made.



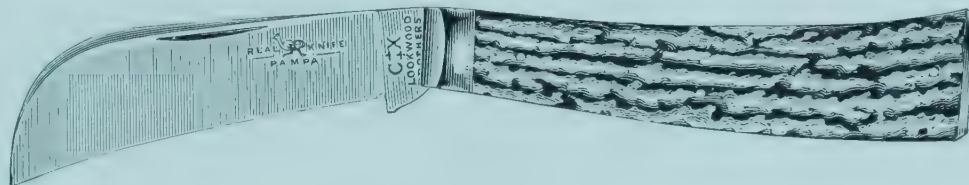
No. 500. Beechwood Handle, well rivetted 4-in. blade, 4-in. handle,  $\frac{3}{16}$ -in. thick at back, as illustrated .. .. . Price, Rs. 8-0 per dozen.



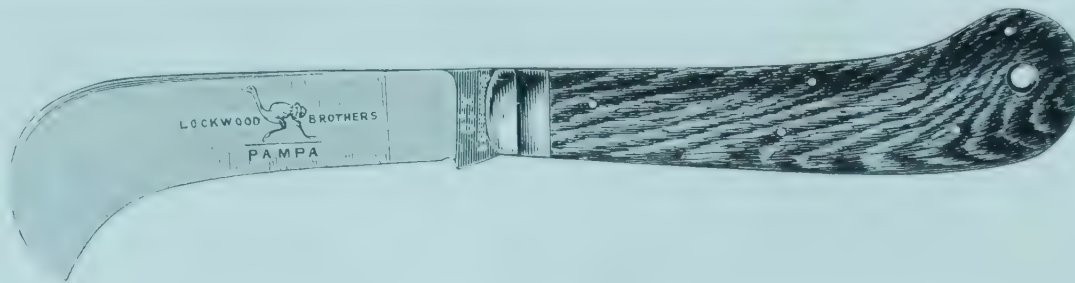
No. 400. Beechwood Handle, well rivetted,  $4\frac{1}{2}$ -in. blade,  $4\frac{1}{4}$ -in. handle,  $\frac{3}{16}$ -in. thick at back, as illustrated .. .. . Price, Rs. 9-4 per dozen.



No. 200.	Beechwood Handle, well rivetted, 5-in. blade, 5-in. handle, $\frac{1}{4}$ -in. thick at back, as illustrated	..	..	..	..	Price, Rs. 14-0 per dozen.
" 100	" " " well rivetted, 6-in. blade, 6-in. handle, $\frac{1}{4}$ -in. thick at back, as illustrated	..	..	..	..	Rs. 17 0 "
" 50.	Beech " Handle, well rivetted, 7-in. blade, 6-in. handle	..	..	..	..	Rs. 21-0 "
" 25.	" " " 8-in. blade, 8-in. handle	..	..	..	..	Rs. 33-0 "
" 35.	" " " Rodgers', 5-in. blade, $\frac{1}{4}$ -in. thick at back	..	..	..	..	Rs. 16-0 "
" 45.	" " " Rodgers', 6-in. blade, $\frac{1}{4}$ -in. thick at back	..	..	..	..	Rs. 20 0 "



No. 7775 1/2. Buck-horn Handle to clasp,  $3\frac{1}{2}$ -in. blade,  $4\frac{1}{4}$ -in. handle .. .. . Price, Re. 1-12 each.  
.. 5191. Stag Handle to clasp, well rivetted and capped,  $3\frac{1}{4}$ -in. blade, 4-in. handle,  $\frac{1}{8}$ -in. thick at back, as illustrated .. .. . " Re. 1-14 "



No. 600. Cocoa Handle to clasp, well rivetted, with hole to take shackle,  $4\frac{3}{4}$ -in. blade,  $4\frac{3}{4}$ -in. handle,  $\frac{1}{8}$ -in. thick at back, as illustrated.. Price, Re. 1-8 each.  
.. 4645. Pruning Knife,  $4\frac{1}{4}$ -in. handle, 4-in. blade .. .. . " As. 0-14 "

Terms Cash.

Prices are subject to fluctuation without notice.

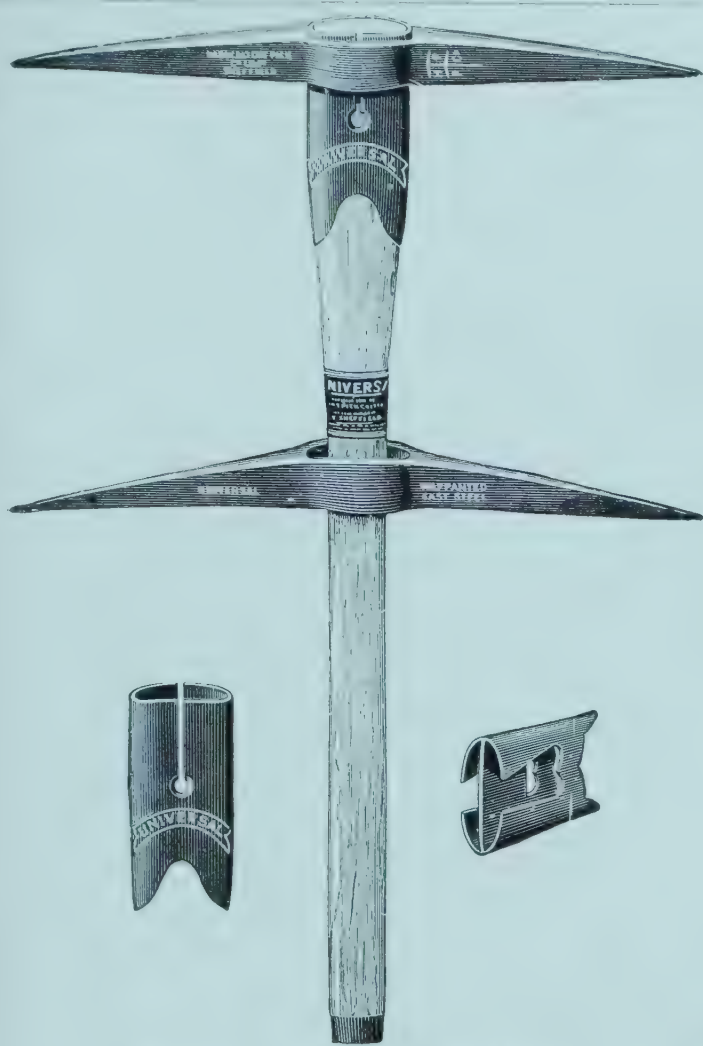
Terms Cash.



W. LESLIE &amp; CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.



Solid Steel "Universal" MINING PICKS.

**Picks**, patent solid eye, all steel. Weight, each  $6\frac{1}{2}$  lbs. Price, Rs. 13-8 per dozen.

**Pickaxes**, patent solid eye, all steel. Weight, each  $6\frac{1}{2}$  lbs. Price, Rs. 13-8 per dozen.

**Picks**, solid steel, weight  $6\frac{1}{2}$  lbs. Price, Rs. 18-0 per dozen. A very high-class tool.

**Pickaxes**, solid steel. Weight, each  $6\frac{1}{2}$  lbs. Price, Rs. 18-0 per dozen. A very high-class tool.

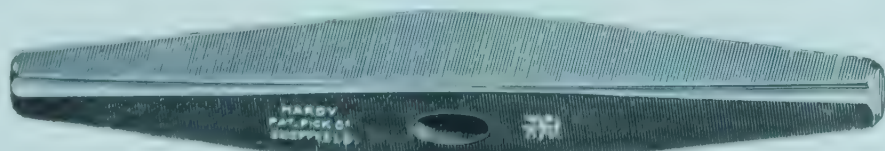
**Half Picks**, patent solid eye, all steel. Weight, each 4 lbs. Price, Rs. 18-0 per dozen.

**Railway Beaters**, patent solid eye, all steel, weight 7 lbs. Price, Rs. 14-4 per dozen, Weight 10 lbs. Price, Rs. 22-8 ..

Special Quotations for large Quantities.

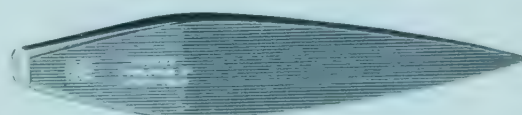
**Blasting Tools**.—We supply these tools in steel-faced and solid steel, all of the best materials only. Complete, Rs. 16-0 per set, consisting of jumping bar, steel jumper, long screw, copper pricker, and gauge-ended scraper.

## CAST-STEEL MINING HAMMERS AND WEDGES.



Miners' Hammers, about 8 lbs. (Hardy), As. 6-0 per lb.

Genuine Hardy patent. Best of all country made.



Cast-steel Miners' Wedges, about 8 lbs. (Hardy), As. 5-0 per lb.

Caution.—Wedges are made in Calcutta and sold as genuine Hardy patent. Ours are genuine Hardy.

Prices subject to fluctuation.

## COAL MINERS' PICKS.

The "Universal".—Adapted for all kinds of work, and made of all weights for Colliers, Quarrymen, and Contractors.

Size	...	3 lbs. each.	Price	...	Rs. 13-0 per dozen.
"	...	$3\frac{1}{2}$ "	"	...	Rs. 14-0 "
"	...	4 "	"	...	Rs. 15-0 "
"	...	$4\frac{1}{2}$ "	"	...	Rs. 16-0 "

Patent "Universal" Pick Handles, complete. Price, Rs. 15-0 per dozen.  
Extra Ferrules and Caps, As. 11 per pair. Extra Ferrules only, As. 9-0 each.

Solid steel Miners' Wedges, made of tool steel. Price, Rs. 28-0 per cwt.

Special quotations for quantities.

Best solid cast-steel **Crowbars and Jumpers**. Sizes 3-ft. to 5-ft. Price, Rs. 28-0 per cwt.

Steeled Crowbars and Jumpers. Sizes, 3-ft. to 5-ft., any shape. Price, Rs. 20-0 per-cwt.

## PICKS, PICKAXES, AND RAILWAY BEATERS.



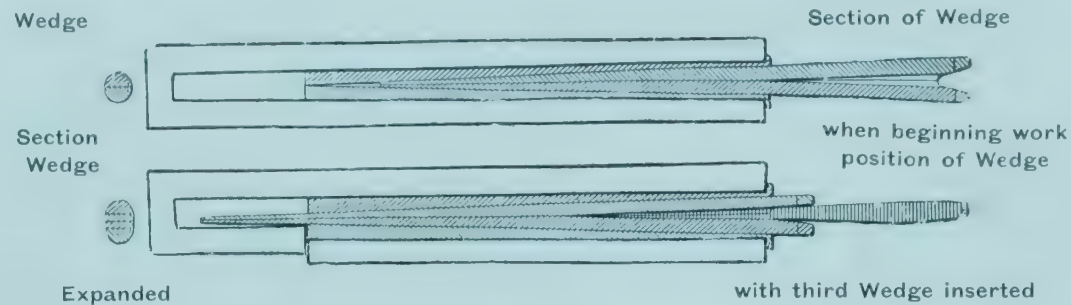
NAVY and RAILWAY PICKS.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## PATENT MULTIPLE WEDGE,

FOR BRINGING DOWN ROCK AND COAL WITHOUT THE USE OF EXPLOSIVES.



This is the most effective and economical mechanical method of bringing down rock and coal ever introduced. We guarantee with this Wedge to bring down more material at less cost than can be done by any other known process of rock and coal getting, excepting by explosives (and under some conditions more than by explosives), and the first cost being comparatively small, it at once recommends itself to all owners of fiery mines.

Arrangements will be made for FREE TRIALS of the Wedge and suitable Drilling Machines where these are not in use.

No. 1.	1 $\frac{3}{4}$ -in. diameter, 30-in. long	...	...	...	...	Price, Rs. 47-8.
No. 2.	2-in. diameter, 36-in. long	...	...	...	...	„ „ 67-8.

Prices subject to Fluctuation.

## THE “LITTLE TIGER” SCOTCH PATTERN, No. 4 BORING MACHINE.

Essentially for boring in coal, one of the cheapest and most effective machines. Complete with Ratchet and 4 Drills.

Price ... .. Rs. 37-8.

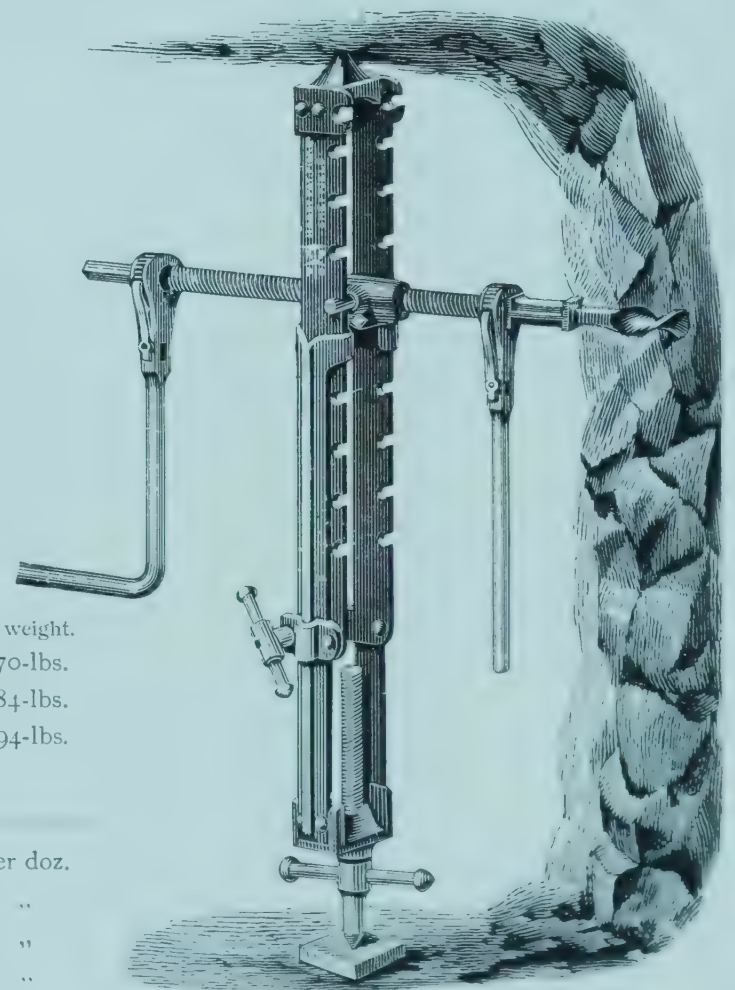
## THE “CONQUEROR” BORING MACHINE, FOR “BIND” OR COAL.

The standard of the above machine may be extended from its shortest length to within one foot of double that length, and the drill may be used at any part of the standard, whether this is open or closed. 3 drills.

No. 1.	Light, 2-ft. 9-in. high when closed	...	...	...	...	Total weight.
„ 2.	Medium 3-ft. 9-in. high when closed	...	...	...	...	70-lbs.
„ 3.	Strong, 4-ft. 9-in. high when closed...	...	...	...	...	84-lbs.
		...	...	...	...	94-lbs.

Prices on application.

Size, 3-lb.	“Universal” Picks	...	...	...	...	Rs. 13-0 per doz.
„ 3 $\frac{1}{2}$ -lb.	„	...	...	...	...	„ 14-0 „
„ 4-lb.	„	...	...	...	...	„ 15-0 „
„ 4 $\frac{1}{2}$ -lb.	„	...	...	...	...	„ 16-0 „



We carry the largest stock of Miners' Tools in India.

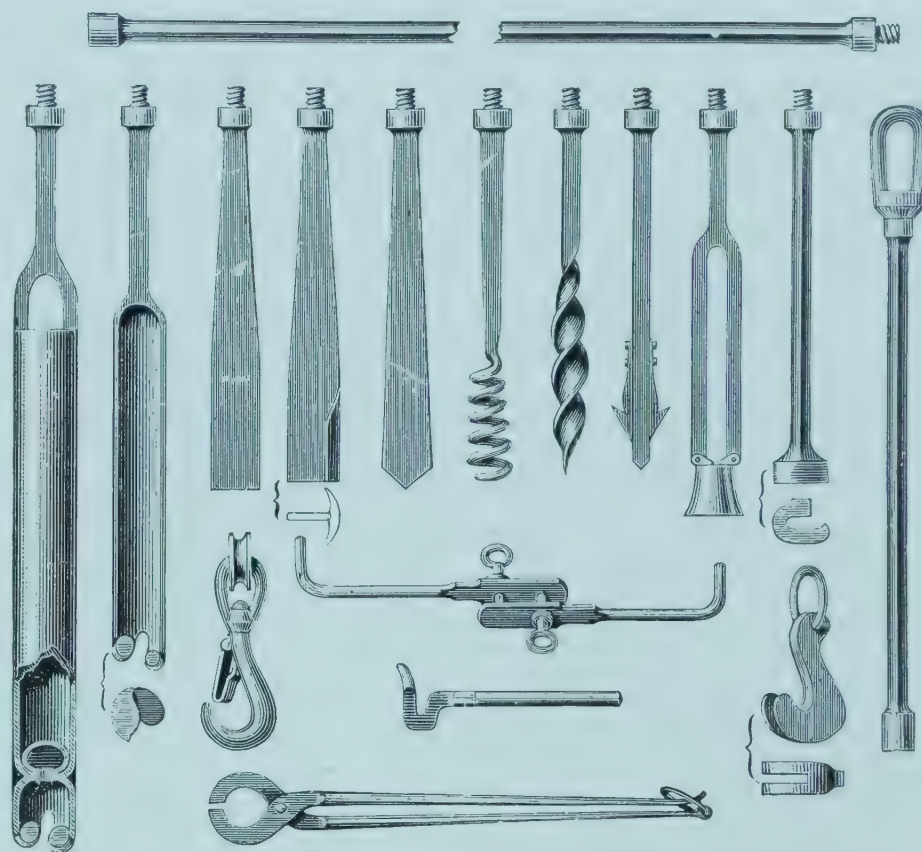


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-9, CHOWRINGHEE ROAD. } CALCUTTA.

## DEEP BORING AND PROSPECTING TOOLS.

The following are the various Tools in common use :

				Rs. each.
<b>Auger</b> , for clay and stiff soil, $3\frac{1}{4}$ -in.	...	...	...	28-0
<b>Bell Box</b> , for extracting rods	...	...	...	25-0
<b>Crow's Foot</b> , ,	...	...	...	16-0
<b>Chisels</b> , flat, for moderately hard soil, $3\frac{1}{4}$ -in.	...	...	...	13-8
<b>Chisels</b> , V., , , $3\frac{1}{4}$ -in.	...	...	...	13-8
<b>Chisels</b> , T., for hard and rocky strata, $3\frac{1}{4}$ -in.	...	...	...	22-0
<b>Chisels</b> , S., , , $3\frac{1}{4}$ -in.	...	...	...	24-0
<b>Hand Dog</b> , or Rod Wrench	...	...	...	24-0
<b>Lifting Dog</b> , for raising rods	...	...	...	16-0
<b>Short Rod</b> , with swivel top	...	...	...	25-0
<b>Worm Auger</b> , $3\frac{1}{4}$ -in., for loosening stuff in bore-hole	...	...	...	25-0
<b>Spiral Worm</b> , for extracting broken rods	...	...	...	25-0
<b>Spring Dart</b> , for drawing pipes from bore-hole	...	...	...	25-0
<b>Tillers</b> , with screws, for working the rods	...	...	...	20-0
<b>Short Rod</b> , with swivel-head to fit all rods	...	...	...	25-0
<b>Rod-Wrenches</b> , for screwing and unscrewing rods	...	...	...	11-0
<b>Swivel Spring Hook</b>	...	...	...	30-0
<b>Rigger and Carriage</b>	...	...	...	13-8
<b>Boring Rods</b> , in 10-ft. lengths, with screw joints	...	...	...	1-10



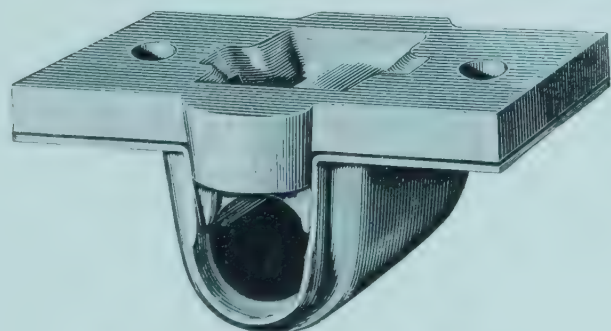
## WROUGHT-IRON SCREWED BORING TUBES.

With flush joints.

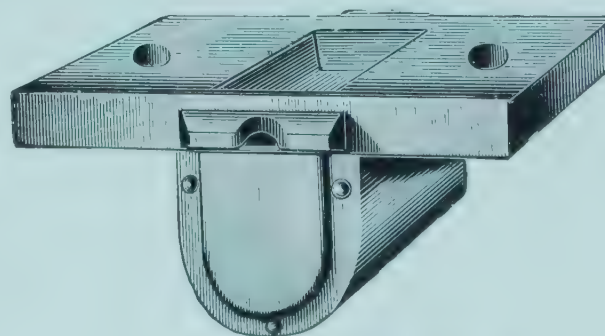
External diameter, ins.	3¼-in.	4¼-in.
Price per foot, Rs. . . . .	3-0 . . . . .	4-0

PATENT SELF-LUBRICATING PEDESTALS, FOR COLLIERY  
TUBS AND SHEAVES.

THEY RUN FROM TWO TO THREE MONTHS WITH ONCE OILING.



### No. 1. Pattern for Inside Bearings.



### No. 2. Pattern for Outside Bearings.

The lubrication is perfect and regular, and effects great saving in attendance.

The Pedestals are constructed with a chamber under the axle, which surrounds and protects it from dirt, and also holds against it wool or hair felt, saturated with oil, thus keeping the bearing constantly supplied with lubricant.

These Pedestals are an ASSURED SUCCESS, there being already thousands in daily use.

Prices on application.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.



## IMPROVED SAW SHARPENING MACHINE.

### INSTRUCTIONS.

The filing of square gullets in saws is very likely to result in fractures, as shown in the above illustration at **D**, particularly in frosty weather. It is a mistake to file away the steel at the foot of the tooth where the principal part of the strain comes.

The gullets should be kept rounded. Keep the saws sharp. It is a great mistake to imagine that time is being saved by running with a blunt saw instead of stopping to sharpen it. A few minutes' sharpening, two or three times a day, has a wonderful effect, as it saves both labour and power, and materially affects the quantity and quality of work done in a day.

Note the points of the teeth. If the teeth take  $\frac{1}{4}$ th hold at each revolution, they will become dull for  $\frac{1}{4}$ th below the point, and more or less as you diminish or increase the feed.

The above illustration represents a very efficient machine for sharpening Circular Saws and Frame Saws. The sharpening is effected by an emery wheel, which is fixed on a revolving spindle carried on a counterbalanced arm, and brought down by hand on the saw to be sharpened.

The Machine will top, gullet, and bevel either Frame or Circular Saws with any form of tooth, and saws sharpened by it do not require touching with a file.

The bracket carrying the saw is adjustable, and can be fixed in any position so as to give any amount of lead to the tooth. The gullets are sharpened at the same time.

The illustration shows a machine set for sharpening Circular Saws, and the vice is so arranged that it will take Saws from 12 inches to 60 inches in diameter. Another vice is shown in the illustration, which is provided for sharpening the Frame Saws, so that the machine will sharpen both Circular and Frame Saws in a very expeditious manner.

An enormous saving in labour is effected by using this machine, as it will do the work five or six times quicker than it can be done by hand, besides effecting great economy in files. Another advantage is that the saws are uniform in the depth and proportion of the gullet.

The Machine is complete with fast and loose pulleys, one emery wheel 12 inches diameter, strap-fork and spanner.

### PRICES.

If fitted for both Circular and Frame Saws, Rs. 300. Packing and despatching, Rs. 5-0.

**Emery Wheel for Saw Sharpening**, best quality, English-made.

Ins. ... $\frac{1}{4}$ × 12 × 1 hole. ... $\frac{3}{8}$ × 12 × 1 hole. ... $\frac{1}{2}$ × 12 × 1 hole. ... $\frac{5}{8}$ × 12 × 1 hole. ... $\frac{3}{4}$ × 12 × 1 hole. ... 1 × 12 × 1 hole.
Rs. ... 3-12 ... 5-0 ... 7-4 ... 8-12 ... 10-12 ... 15-8

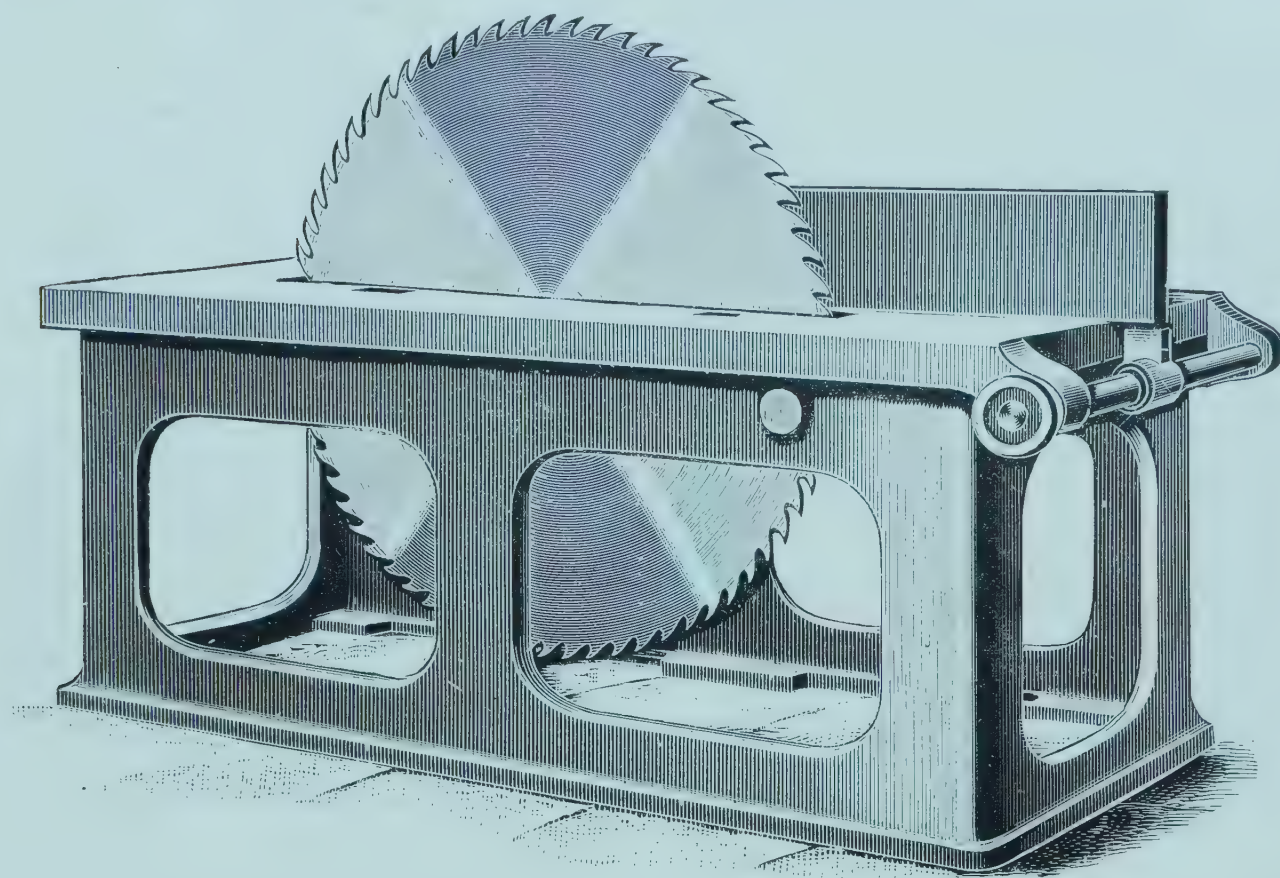
We open no Accounts.

Subject to fluctuation.

Our Terms are for Cash only.



## CIRCULAR SAW BENCHES.



These Saw Benches are very strong, and can be relied upon for durability, steadiness and efficiency.

The **Blocks** or **Pedestals** are cast to the table underneath, and no derangement can take place from the shifting of the bearings carrying the spindle.

The **Saw Spindles**, which are made of steel, are fitted with adjustable lock-nuts, and revolve in three long gun-metal bearings. A strong bracket carries the end of each spindle, giving great steadiness in working and preventing the pull of the belt on the bearings.

The **Table** is truly planed, and is fitted with two planed gap plates, by lifting which the spindle and the saw are easy of access.

**Rollers** working in slotted brackets are fitted to each bench (at little extra cost) to reduce friction of the timber on the table whilst sawing.

Each machine is fitted with strong parallel turn-over fence, to which is attached a fine adjustment screw for giving accuracy to the thickness of the cut when sawing, and is complete with strap-fork and spanner.

### PRICES AND PARTICULARS.

No.	Size of Table.				Size of Saws Bench will take.	Depth of Cut.	Speed of Saw per minute.	Diameter of Driving Pulleys.		Approx. Weight.	Average Power Required.	PRICE.	If fitted with Bevel Canting Turn-over Fence in place of Parallel Fence
	Ft.	In.	Ft.	In.	Ins.	Ins.	Revs.	Ins.	Ins.	Cwts.	H.P.	Rs.	Rs., Extra.
2	4	6	2	3	30	12	1200	10	4½	11½	4	450-0	25-0
4	5	6	2	9	36	15	1000	12	4½	19	6	600-0	30-0
5	6	0	3	0	42	18	900	14	4½	24	7	725-0	35-0

Best Cast Steel Circular Saws, ground, set, and sharpened ready for use.

Diameter ...	...	Ins. 12	...	18	...	24	...	30	...	36	...	42	...	48
Price ..	...	Rs. 7-0	..	12-8	...	19-8	...	31-0	...	49-0	...	72-8	...	100-0

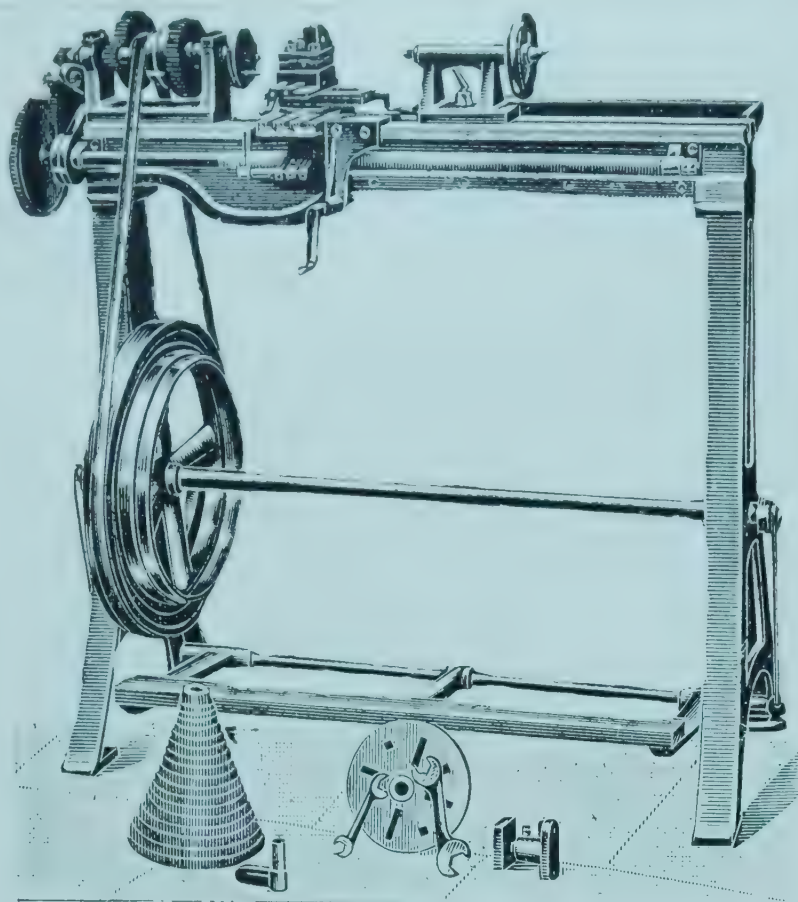
Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue issued twice annually.



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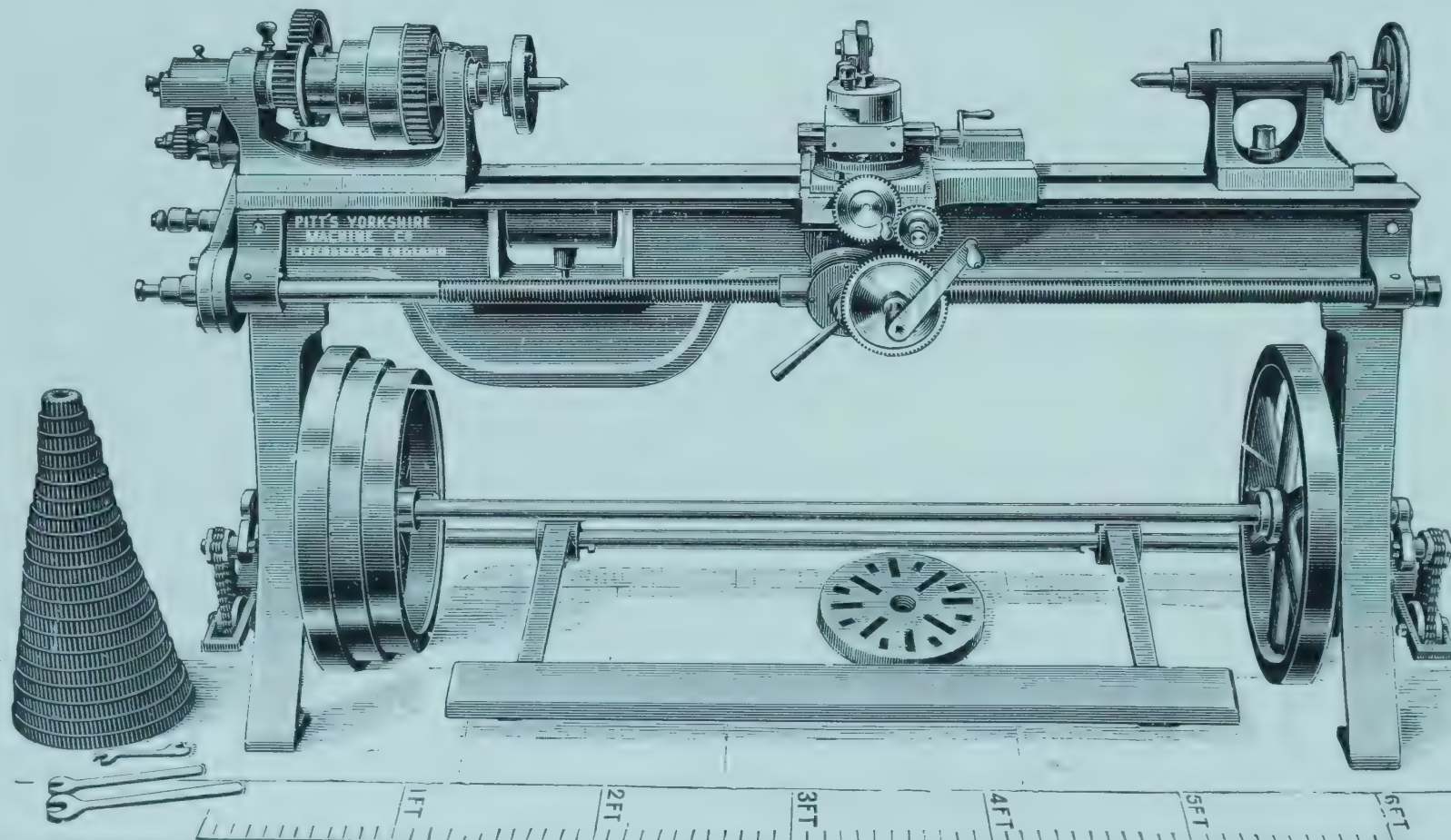


## IMPROVED SCREW-CUTTING TREADLE LATHE.

3½-in. centre, 3-ft. gap bed, back gear, 3-speed extra strong treadle Lathe, compound slide rest, socket rest, T rest, drill rest, 3-jawed stay, 2 plates, 2 steel centres, 2 spanners, back board, belt, index plate, 22 change wheels. Price, Rs. 325-0. Boxes, packing, and despatching, Rs. 5-0. 6-in. centre, 6-in. gap bed Lathe, as above .. Rs. 575-0.

## IMPROVED DOUBLE-GEARED TREADLE LATHE.

SELF-ACTING, SURFACING, SLIDING, AND SCREW-CUTTING GAP-BED TREADLE LATHE.



DESCRIPTION.	APPROXIMATE WEIGHT.		Will admit between centres.		Price of Treadle Lathe.	Extra for overhead motion.	Packing.
	Packed.	Unpacked.					
6-in. centre by 6-ft. gap-bed ; self-acting, sliding, surfacing, and screw-cutting Lathe ; leading screw and change wheels for screw-cutting, and treadle motion for foot or steam working, as required.	Cwt. 14	Cwt. 11	Ft. ins. 3 7		Rs. 560-0	Rs. 50-0	Rs. 5-0



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## STRONG 6-in. CENTRE DOUBLE-GEARED LATHES.

SELF-ACTING, SLIDING, SURFACING, and SCREW-CUTTING.

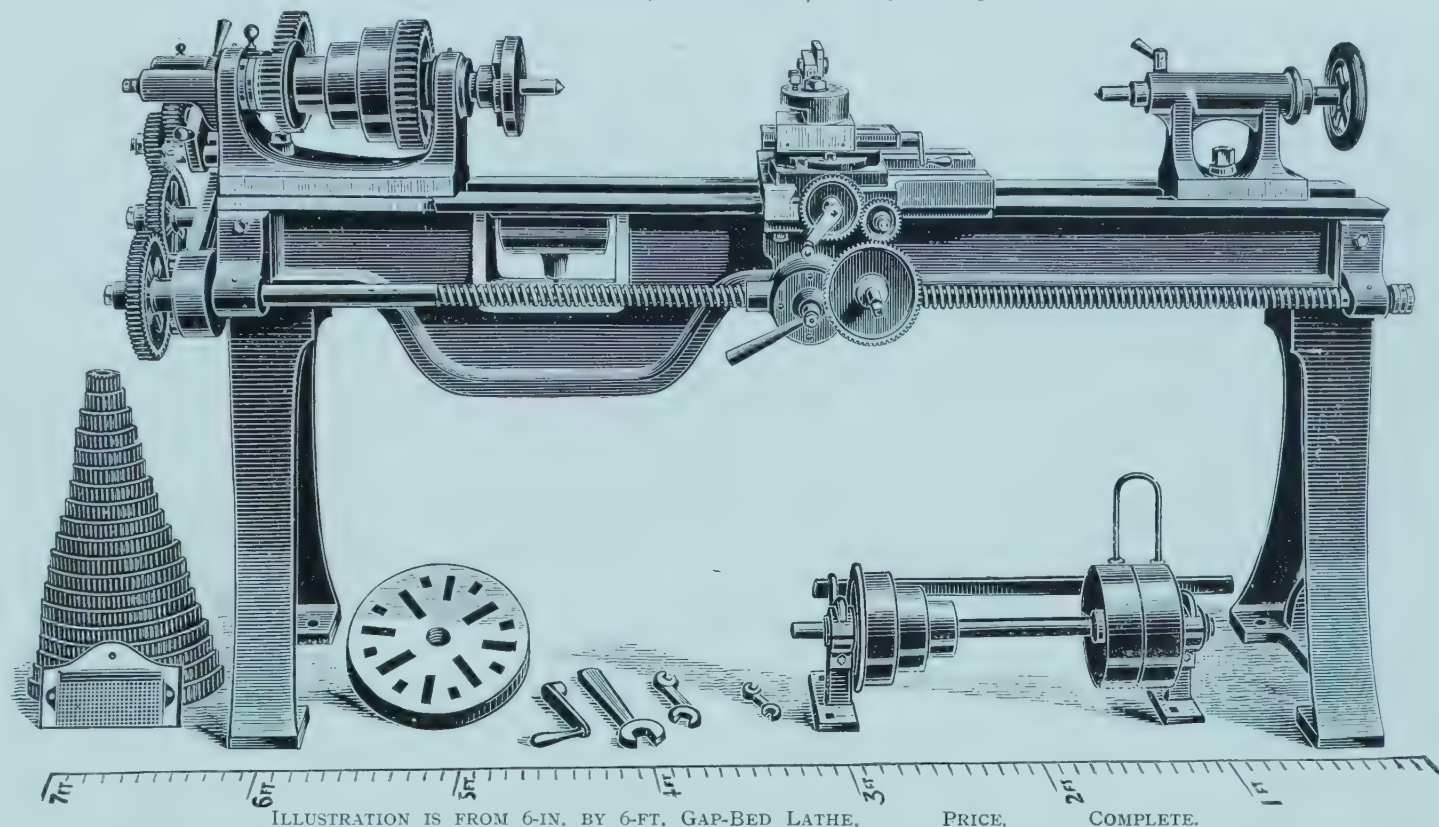


ILLUSTRATION IS FROM 6-IN. BY 6-FT. GAP-BED LATHE.

PRICE, COMPLETE.

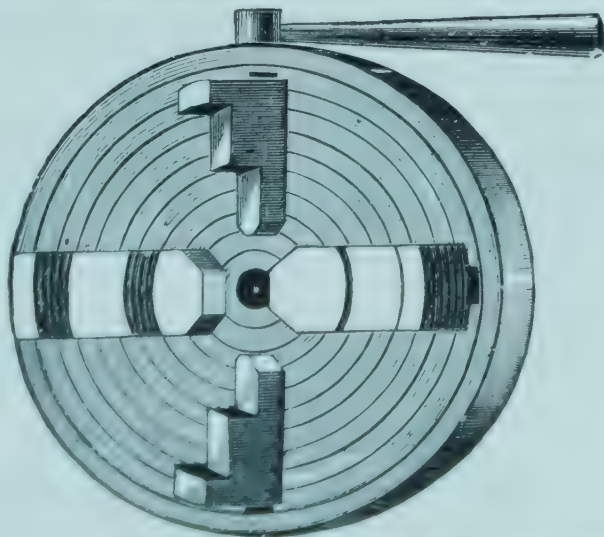
These Lathes are massive, powerfully double-geared, and most durable and complete. We have sold over 500, and every one has given the greatest possible satisfaction in every respect. They are self-acting in all motions that a Lathe can be made, viz.:—sliding, surfacing, and screw-cutting (off screw), any pitch of screw can be cut, either right or left hand. The saddle or carriage is fit up with compound swivel slide rest to graduate to any angle, travelling steady, double clip gun-metal nut in nut box, and pinion motion for quick return of carriage.

The headstocks are fit up with our patent conical necks with double adjustment, gun-metal bushes, steel spindle and eccentric motion for working single or double-geared. Each Lathe is supplied all complete with 22 change wheels, face and catch plates, keys, swapes, overhead motion, &c.; most of the screws and other working parts are of steel, while the workmanship and finish brings the Lathes second to none for the rapid production of high-class work with accuracy.

Height of Centres.	Length of Bed.	Admits between Centres.	Price.	Approximate Weight.	Price of Treadle Lathe.	Extra for overhead motion.	Packing and despatching.
6-in.	Gap Bed.		Rs.		Rs.	Rs.	Rs.
6-in.	6-ft.	3-ft. 3-in.	550-0	12 cwts.	550-0	50-0	10-0
	8-ft.	5-ft. 3-in.	625-0	14 "	625-0	50-0	10-0

### APPROXIMATE DIMENSIONS.

	6-in.		6-in.
Width across face of bed .. .. .	9-in.	Largest diameter of cone .. .. .	7 1/4-in.
Depth of bed .. .. .	7-in.	Gearing, pitch, face and diameter .. .. .	1/2-in. by 1 1/2-in. by 7 3/4-in.
Width of gap and diameter admitted .. .. .	7 1/2-in. by 24-in.	22 change wheels .. .. .	5/16-in. pitch.
Three speed cones for .. .. .	2-in. belt.	Diameter, faceplates .. .. .	12-in.



## JAWED CHUCKS.

### 4-JAWED INDEPENDENT CHUCKS.

Diameter .. .. .	Ins. 10	12	14	16	18
Price .. .. .	Rs. 100-0	115-0	130-0	155-0	175-0
Diameter .. .. .	Ins. 20	22	24	26	
Price .. .. .	Rs. 200-0	215-0	230-0	250-0	



STRONG 8½-in. CENTRE DOUBLE GEARED LATHES.  
SELF-ACTING, SLIDING, SURFACING, AND SCREW-CUTTING.

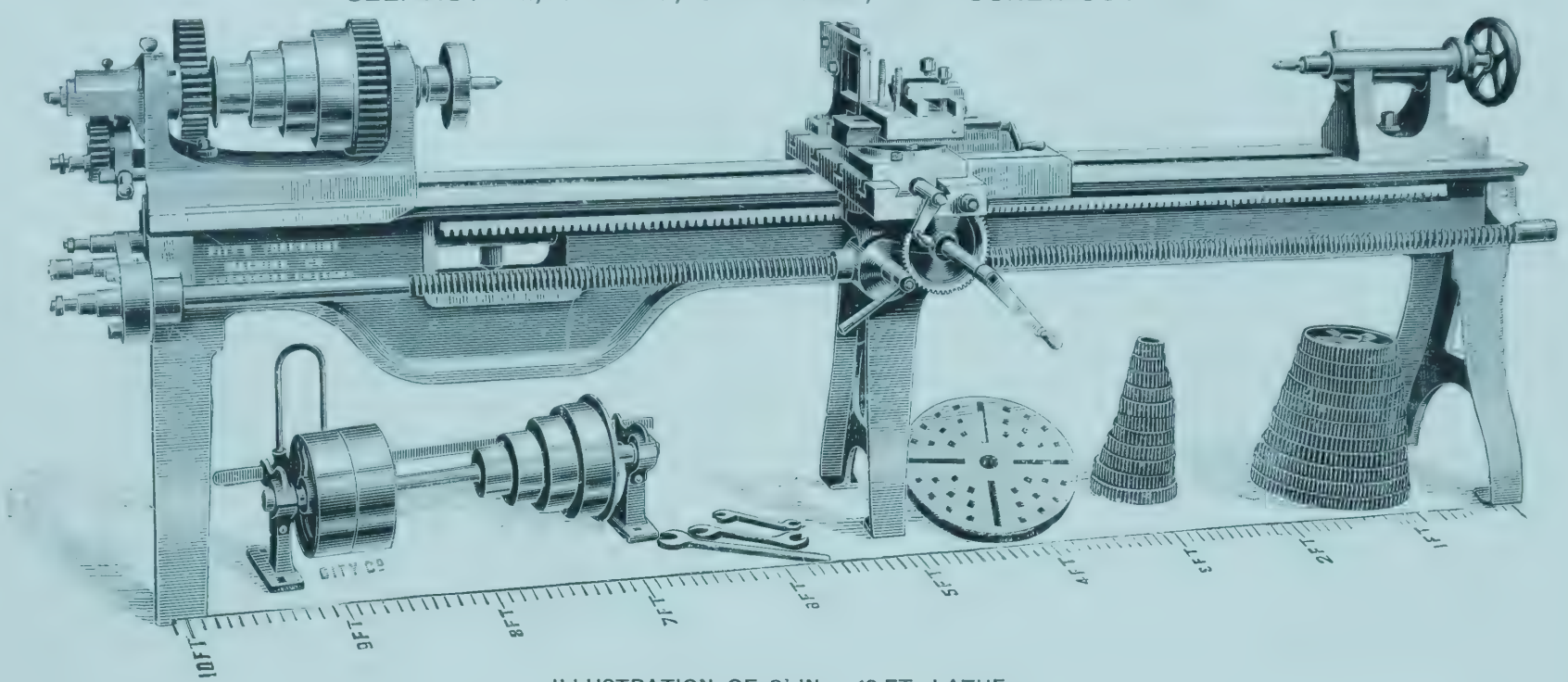


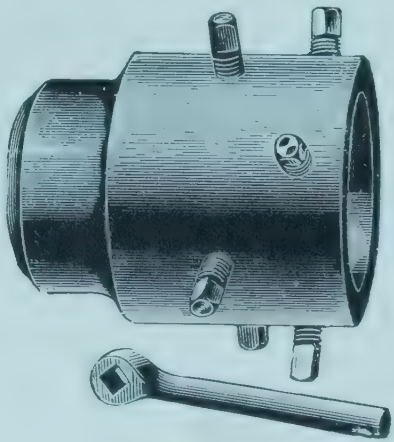
ILLUSTRATION OF 8½-IN. x 10-FT. LATHE.

Strong Double Geared Self-acting Sliding, Surfacing, and Screw-cutting Lathes, with independent back shaft for sliding and surfacing. Strong T cored saddle adapted to bolting articles on, and fit up with compound swivel slide rest, to graduate to any angle for conical work, steady travelling stays, rack and pinion motion for quick return of carriage, and double clip nut in nut box, headstock double geared and fit up with conical or parallel necks, hard-metal bearings, steel spindle, reversing motion for cutting right or left hand threads, and traversing saddle either way, top driving motion with striking gear, screw keys, face plate, catch plate, full set of 22 change wheels, &c., &c., all complete.

Height of centres.	Length of bed.	Admits between centres.		Price.	Approximate weight.
In.	Gap Bed. In.	Ft.	In.	Rs.	Cwts.
7½	8	4	10	675-0	19
8½	10	6	6	900-0	23
9	12	8	0	1100-0	30
9	16	12	0	1300-0	34

BELL CHUCKS,

With 8 Steel Screws.



Lathe Tools to Order.

Tool Steel for Lathes.

Miners' Steel.

Size of Lathes ... .. Inches 6 8 10 12 14 16 18

Terms Cash.

Prices on application.

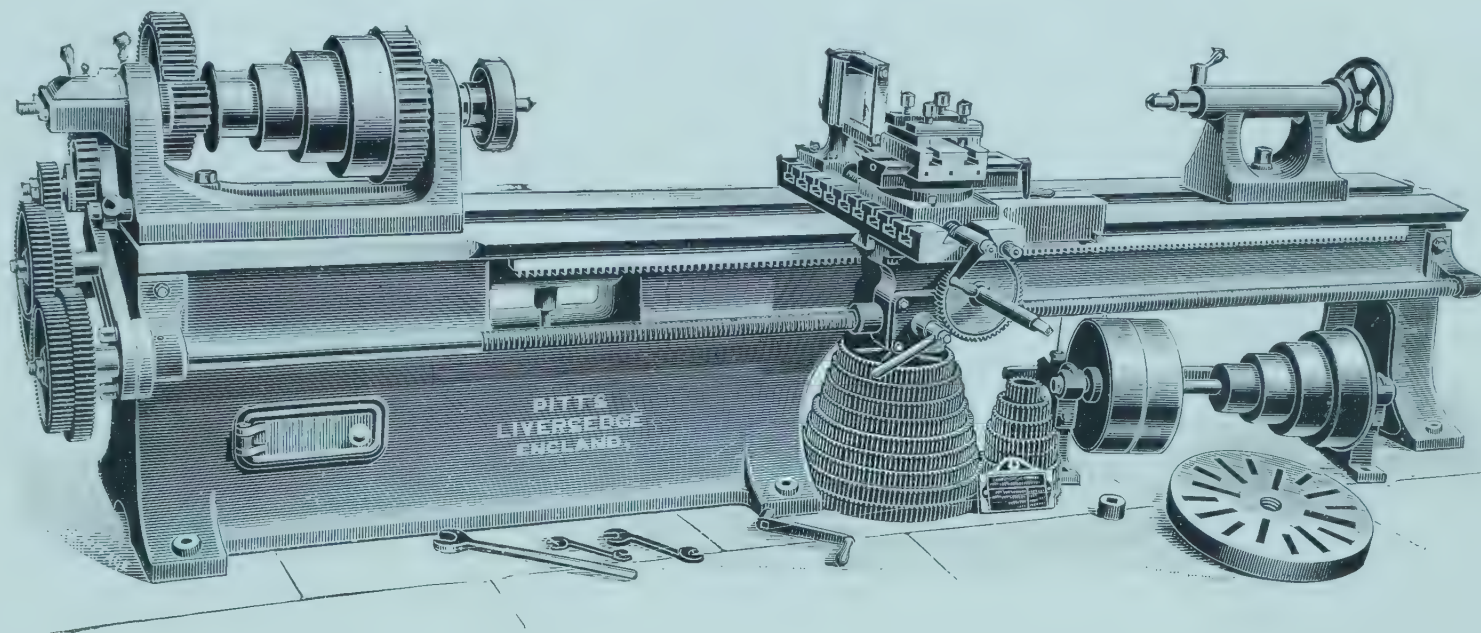
Terms Cash.



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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.

STRONG 10½-in. HIGHLY FINISHED LATHES,

SELF-ACTING, SLIDING, SURFACING, AND SCREW-CUTTING.



Strong 10½-in. Centre, Double-gear, Self-acting, Sliding, Surfacing, and Screw-cutting Lathes, with independent back shaft for sliding and surfacing. Strong saddle adapted to bolting articles on, and fit up with compound swivel slide rest, to graduate to any angle for conical work, steady travelling stay, rack and pinion motion for quick return of carriage. Double-clip gun-metal nut in nut box, headstock double-gear and fit up with conical or parallel necks, hard-metal bearings, steel spindle, reversing motion for cutting right or left-hand threads, and traversing saddle either way; top driving motion with striking gear, screw-keys, face-plate 20-in. diameter, catch plate, full set of 22 change wheels ½-in. pitch, &c., &c., all complete.

APPROXIMATE DIMENSIONS.

Width across face of bed 16-in., depth of bed 12-in., gap admits 16-in. wide by 42-in. diameter; headstocks have 4 speed cones for 3½-in. belt, gearing 7/8-in. pitch × 3-in. face × 13-in. diameter.

Height of Centres.	Length of Gap Bed.	Admits between Centres.	Price subject to fluctuation.	Approx. Weight.	Prices if sliding and surfacing only on application.
in.	ft.	ft.	Rs.	cwts.	
9	10	9	900-0	48	
10½	14	11	1,500-0	51	
10½	16	13	1,700-0	53	
10½	18	15	2,000-0	55	

Strong large face-plates for use when gap is open 4/6 per inch in diameter, machined; or 10/6 per cwt. in the casting, not machined. If loose poppet to slide over for conical work, £2 10 0 extra.

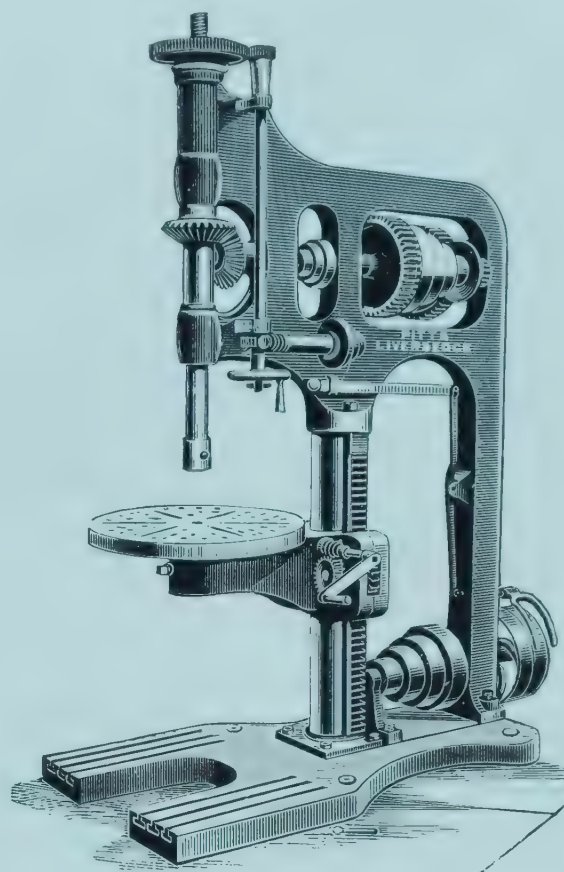


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## SELF-CONTAINED VERTICAL PILLAR DRILLING MACHINES.



A quantity always in stock  
and progress.

Machines for Shipments securely  
packed.

These Self-contained Drilling Machines are accurately well finished, and made of the best and most durable materials. The tables swivel in the arm, can be raised, lowered, or put out of the way on either side, so that cylinders and other large articles can be bolted on the T cored planed foundation plates and bored. The spindles are steel, have variable self-acting feed motions, and are provided with steel arrangements to resist pressure, and take up backlash. Each Machine is supplied complete.

Admits in diameter.	Admits between Spindle and Base-plate.	Diameter and Traverse of Spindle.	Size of Pulleys and Width of Belt.	Diameter of largest speed of Cone and width of Belt.	Price Double Geared.	Approx. Weight.
in.	ft. in.	in. in.	in. in.	in. in.	Rs.	cwts.
24	3 5	$1\frac{3}{4} \times 7\frac{1}{2}$	$9 \times 2\frac{1}{2}$	$10\frac{1}{4} \times 2\frac{1}{4}$	465-0	12
30	3 6	$2\frac{1}{4} \times 9$	$12 \times 3$	$10\frac{1}{2} \times 2\frac{3}{4}$	650-0	$17\frac{1}{2}$
33	3 6	$2\frac{1}{4} \times 10$	$12 \times 3$	$10\frac{1}{2} \times 2\frac{3}{4}$	780-0	19
36	3 10	$2\frac{1}{2} \times 12$	$14 \times 3\frac{1}{2}$	$12 \times 3$	875-0	25

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue, issued twice annually.

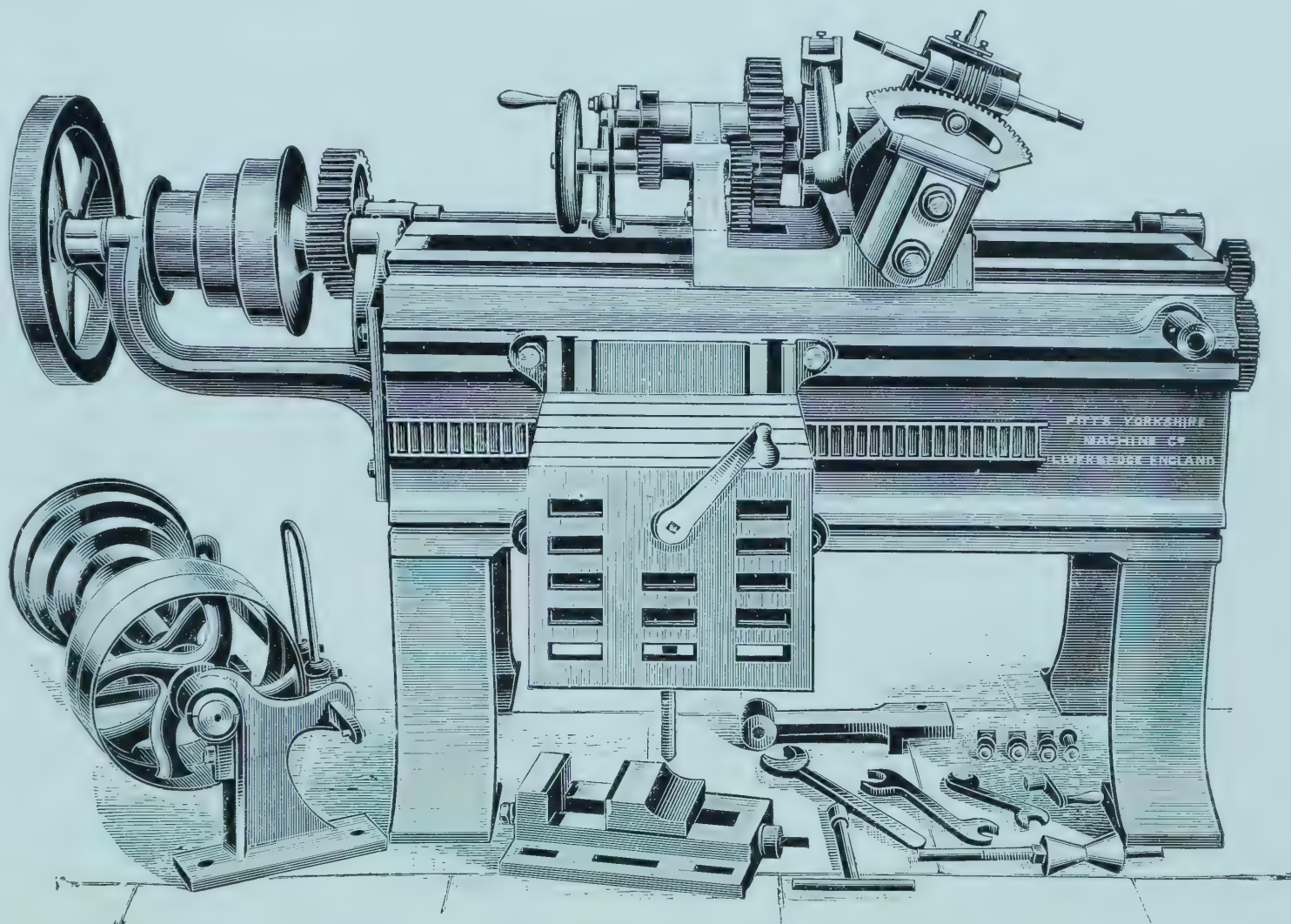


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CALCUTTA.

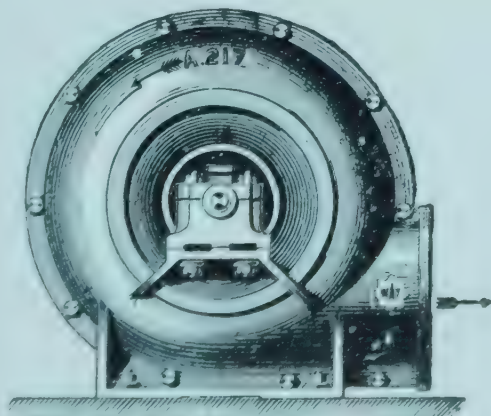
## PITT'S IMPROVED SELF-ACTING VARIABLE FEED SHAPING MACHINES.



DOUBLE-GEARED MACHINE.

... These Machines are fit up with all latest improvements, having quick return motions, and variable self-acting feed to all motions, horizontal, vertical, angular, circular and curvilinear. The tables can be raised and lowered by swapes in front, and moved longitudinally on bed. The tool boxes are indexed to graduate to any angle. The rams are adjustable so that by letting the cuts join, articles can be shaped double the length of stroke. The self-acting feed motions can be instantly varied, reversed or stopped without stopping the Machine. These Machines are quick, handy, and unsurpassed for the rapid production of high-class work. Each Machine is supplied all complete in every respect. The Double-g geared Machines are powerfully double-g geared, and recommended for heavy work in steel, &c.

No.	Length of Stroke.	Length of Bed.	Length Planed.	Price, Self-acting in Horizontal, Vertical, Angular, Curvilinear and Circular Motions.	Approx. Weight.	Additional Table.	Additional Head.
4	in. 8	ft. 4	in. 34	Rs. 875-0	cwts. 16	extra. Rs.	extra. Rs.
5	10	4	32	1,100-0	22		



## IMPROVED SILENT BLOWING FANS.

These newly improved Silent Blowing Fans (Alldays) are the best extant, fitted with steel spindles, extra long bearings, best workmanship, and efficient lubrication.

No. of Fires to Blow.	Diameter of Revolving Fan.	Diameter of Discharge.	Tons melted per hour.	No. of Revolutions per minute.	Diameter of Pulleys.	Price.
	in.	in.			in.	Rs.
6	12	6		3,500 to 4,200	3	100-0
12	17½	9	1½	2,800 to 3,500	5	150-0
16	20	10	2	2,500 to 3,300	6	200-0
24	25	12	3	2,000 to 2,500	8	290-0



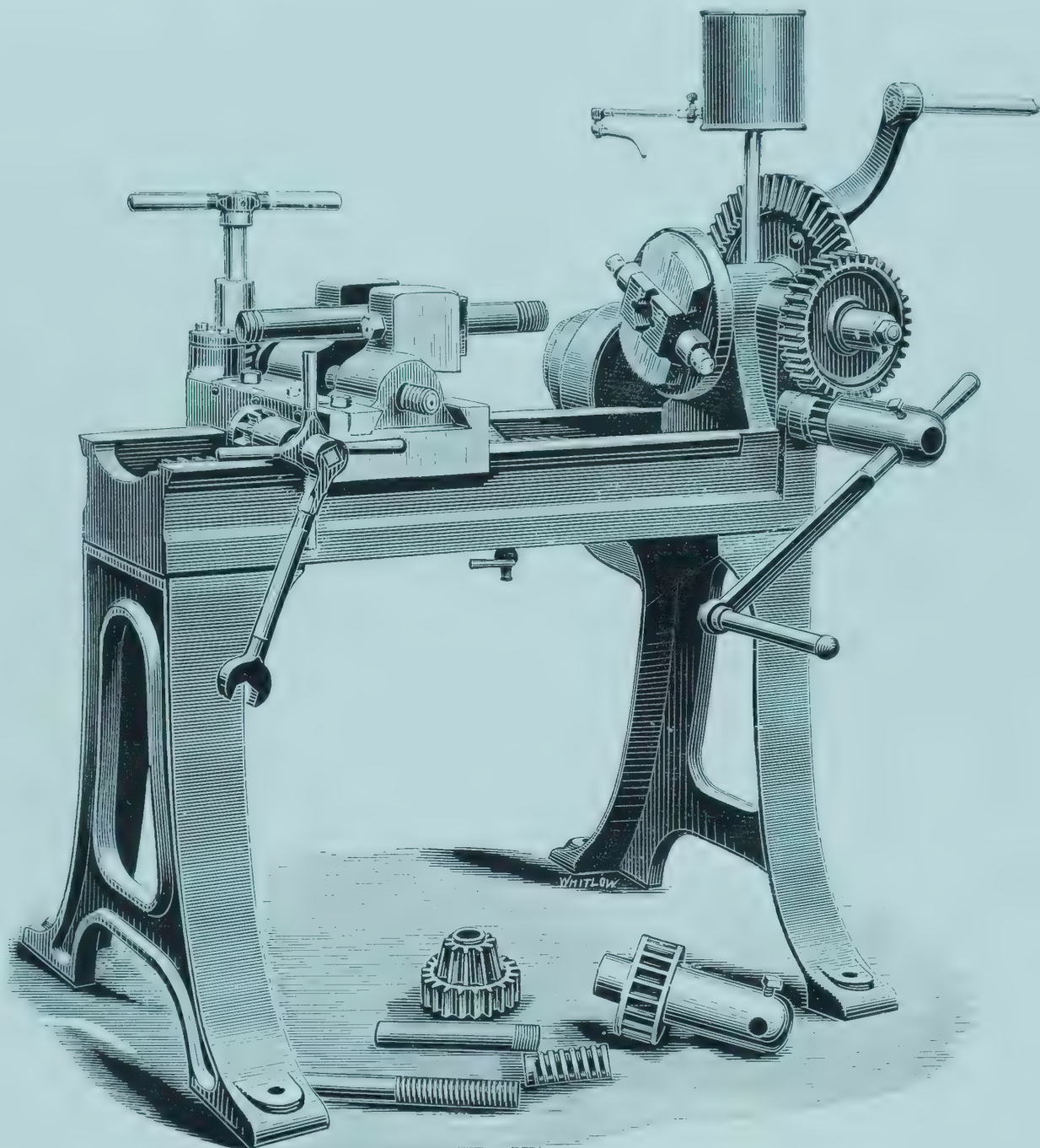
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41, DIHARAMTALA STREET,  
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CALCUTTA.

## PATENT SCREWING MACHINES

For Bolts and Nuts, and Gas and Steam Tubes, by Hand and Power.



Length of Bed, 2-ft. 4-in. Width, 10-in. Weight, 6½ cwt.

The countershaft of these Machines should run 120 revolutions.

3-speed cone, 9½-in., 7½-in., and 5½-in. diameter, by 2⅝-in. broad.

No. 114.—Screwing Machine for ½, ⅝, ¾, ⅞, 1, 1⅛, 1¼, 1⅜, and 1½-in. bolts and nuts, with 9 pairs of Adjustable Dies,  
9 taps, bolt, nut and tap holders, and pair of extra wheels, complete ... ..

Rs. 675 0

## IMPROVED HAND-POWER PORTABLE SCREWING MACHINE (No. 2)

With Solid Adjustable Dies. Screwing Gas and Water Pipe at once over; a most useful and labour-saving machine.

Size ¼ to 2-in. with Dies ¼, ⅜, ½, ¾, 1, 1¼, 1½, 1¾, and 2-in. Price, Rs. 245-0.

Terms Cash.

Machines are subject to fluctuation.

Terms Cash.



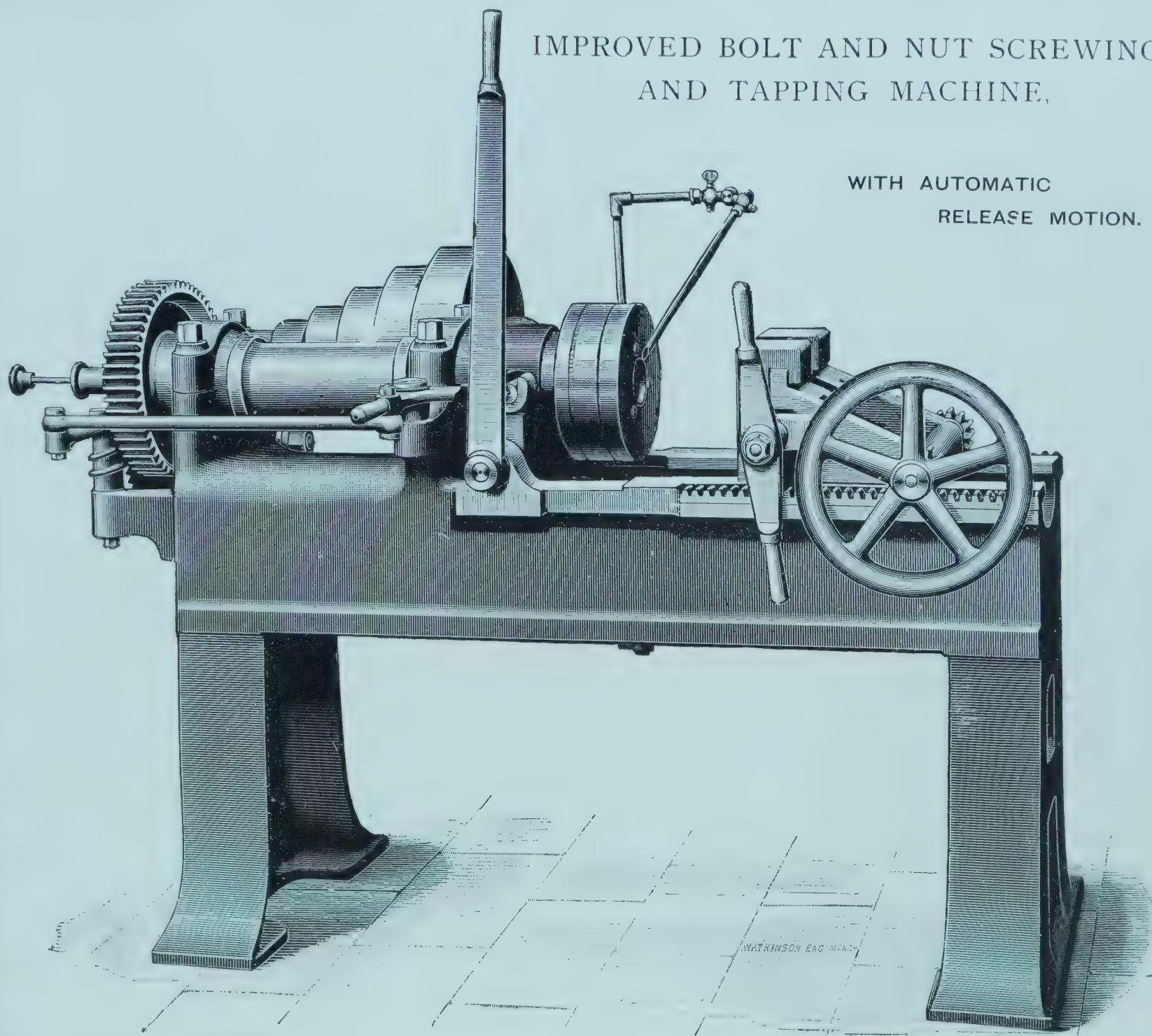
W. LESLIE &amp; CO.,

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41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

# IMPROVED BOLT AND NUT SCREWING AND TAPPING MACHINE,

WITH AUTOMATIC  
RELEASE MOTION.



This type of Screwing Machine is now admitted to be the best in the market for rapid, accurate, and efficient working.

A complete thread is cut at once running up, and the dies are quickly released ready for the finished work to be withdrawn or new work to be put in the Machine, thus continually going on without reversing or stoppage.

## PRICES AND PARTICULARS OF IMPROVED SCREWING MACHINES, "BROWN'S PATENT."

DESCRIPTION.	Approx. Weights.		Price without Automatic Release.	If fitted with Automatic Release Arrangement.	Extra for full set of master taps, taper and parallel rimers and guide bushes for re-cutting Whitworth Dies.	Extra for set of Gas Dies or Taps of the sizes specified below, also for re-cutting apparatus for dies, consisting of full set of master taps, parallel rimers and guide bushes
	Packed.	Unpacked.				
Machine (single-gear) with 9 sets of dies (3 to a set) for screwing $\frac{1}{4}$ , $\frac{3}{16}$ , $\frac{1}{8}$ , $\frac{7}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , and 1-in., with 9 machine taps and sockets for above sizes.	13 cwt.	12 cwt.	Rs.	Rs.	Rs.	$\frac{1}{4}$ , $\frac{3}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , and 1-in. Re-cutting apparatus. Dies. Rs. 55-0 Taps. Rs. 70-0
Machine with 9 sets of dies (3 to a set) for screwing $\frac{1}{4}$ , $\frac{3}{16}$ , $\frac{1}{8}$ , $\frac{7}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , and 1-in., with 9 machine taps and sockets	18	17		1,000-0		$\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , and $1\frac{1}{2}$ -in. Re-cutting apparatus. Dies. Rs. 75-0 Taps. Rs. 150-0
Machine with 12 sets of dies (3 to a set) for screwing $\frac{1}{4}$ , $\frac{3}{16}$ , $\frac{1}{8}$ , $\frac{7}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , and 1-in., with 12 machine taps and sockets for above sizes.	22	20		1,300-0		$\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , and 2-in. Re-cutting apparatus. Dies. Rs. - Taps. Rs.

Prices are subject to fluctuation, and are ruled by a cheap edition of this Catalogue, issued twice annually.



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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## SMITHS' BELLOWS.

REVERSIBLE PIPES SPECIALLY SUITED FOR EXPORT.

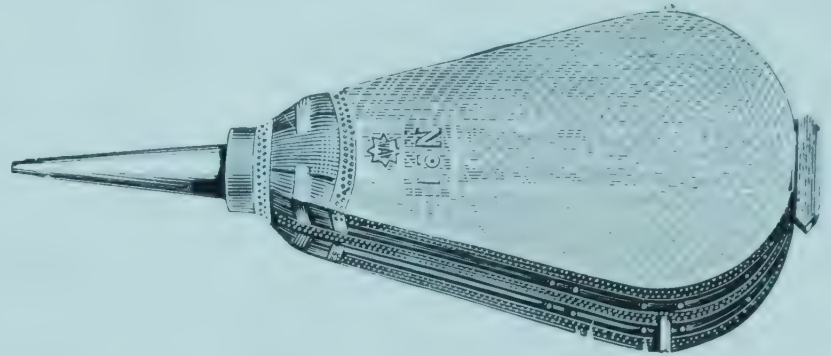
BEST WARRANTED EXTRA LEATHERED AND DOUBLE-NAILED.

By reversing and inserting the pipe, and placing the side irons and lifting hook inside the pipe, they are reduced to about one-half the usual shipping measurement.

Will be fitted with either screw gudgeons or side irons as required.

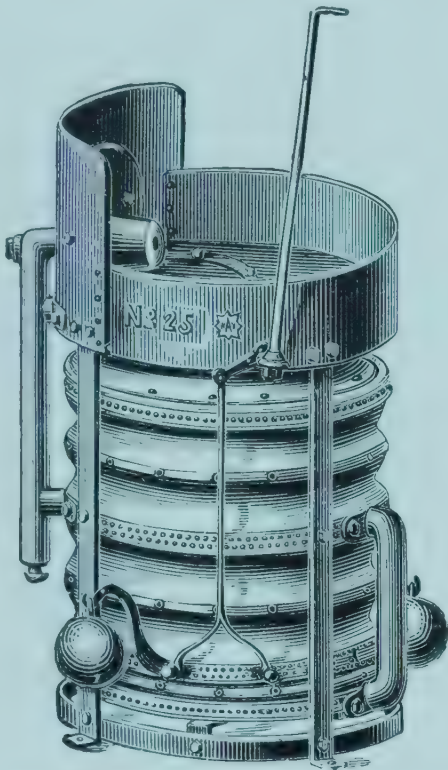
Size, in. ... 24 28 30 32 34 36  
Price, Rs. each. 38-0 ... 47-8 ... 57-8 ... 70-0 ... 85-0 ... 100-0

Prices subject to fluctuation.



## IMPROVED DOUBLE-BLAST RIVET PORTABLE FORGE.

These forges are largely used for bridge-building, shipbuilding, boiler and girder making, &c., &c. For export, when taken down and packed in cases they occupy but *little space*, and can be easily fitted up at their destination. They are fitted with poker hole for cleaning tue-iron.



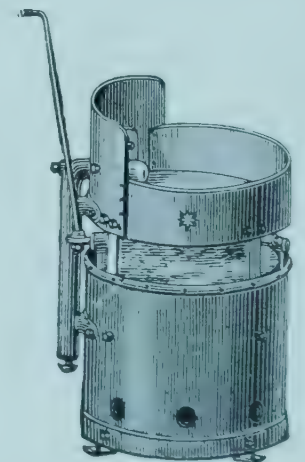
Diameter of Bellows.	Measurement of Hearth.	Diameter of Pan.	Price.	Packing in Cases.
16-in.	2-ft. 5-in. high X 1-ft. 6-in.	19-in.	Rs. 38-0	Rs. 2-8
18-in.	2-ft. 5-in. „ X 1-ft. 8-in.	21-in.	42-8	2-8
20-in.	2-ft. 6-in. „ X 1-ft. 10-in.	23-in.	47-8	2-8
22-in.	2-ft. 7-in. „ X 2-ft 0-in.	25-in.	57-0	2-8
24-in.	2-ft. 7-in. „ X 2-ft. 2-in.	27-in.	72-8	2-8

Prices subject to fluctuation.

## IMPROVED IRON-CASED PORTABLE D.B. RIVET FORGE.

Strongly recommended to all bridge and shipbuilders as a **Strong Portable Forge**, suitable for outdoor work. The bellows are completely protected with **Sheet-iron**.

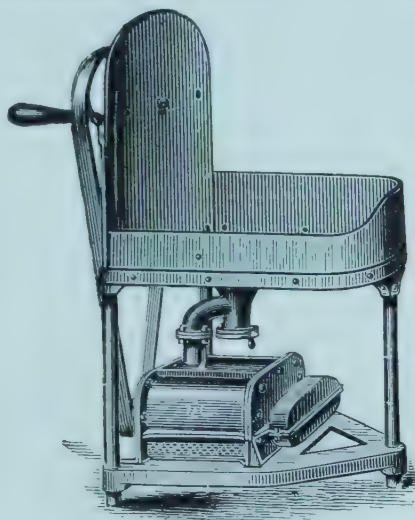
No.	Size of Hearth.	Diameter of Bellows.	Price.	Packing in Cases.
A202	29-in. X 19-in. high diameter of Pan	16-in.	Rs. 52-8	Rs. 3-0
A203	29-in. X 21-in. „ „ „	18-in.	60-0	3-0
A204	30-in. X 23-in. „ „ „	20 in.	72-0	3-0



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W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.



## ALLDAY'S "CLIMAX" ROOT'S BLOWER MALLEABLE IRON PORTABLE FORGES.

No.	Size of Hearth Plate.	Price.	Travelling Wheels extra.	Approximate weight.
	ft. in. ft. in.	Rs.	Rs.	Cwt.
24	1 4 X 1 2	145-0	Not required.	1
25	2 2 X 1 9	157-8	12-0	1½

Nos. 25 and 26, similar to drawing No. 24 with the exception that they have back blast instead of bottom.

## "TORNADO" FAN FORGE. No. 102.

Size ... .. 22-in. and 24-in.

Price ... .. Rs. 92-8 and 97-8.

## ALLDAY'S ROOT'S BLOWER PORTABLE FORGE.

No.	Size of Hearth Plate.	Approximate weight.			Equal to Bellows.	Capable of heating iron bars.	Net Price delivered at our works.
	in. diam.	cwt.	qrs.	lbs.	in. diam.	in. square.	Rs.
3	24	2	0	21	36	2	225-0

Having received many requests from Home and Foreign Government Officials, Ship Owners and Builders, and large Contractors, for Portable Forges other than the soft fan blast, with an entire absence of wood, leather, or any parts liable to get out of order, decay, or destruction, but still possessing a positive or forced blast, and knowing that **Allday's Root's Patent Improved Pressure Blowers** possess the only means that will in every way meet with the above requirements, we have, after considerable experimenting, pleasure in introducing the "**Climax**" Portable Forges, which for compactness, great strength, durability, simplicity, ease of working, and great volume of pressure or positive blast, cannot be equalled. It is adapted for fitting and erecting shops or railway extensions at home, or exposure on board ship, or in use in either **Tropical or Arctic** climates, and we are sure, upon trial, our numerous clients will agree with us that we have rightly named them the **Climax** of all Portable Forges.



## SMITHS' HEARTHS.

**No. 3.** This Hearth is also suited for heavy forgings, having a plate 4-ft. X 3-ft. 9-in. The hood or bonnet is raised, and the space so gained is enclosed by a square case, which should be lined with fire-brick. This arrangement reduces the radiation of heat, and by improving the draught prevents smoke in the smithy. A screen to the hood and movable bracket to the fire-plate are included.

The Hearth weighs about 22 cwt., and the firebricks 7 cwt.

**No. 6.** This Hearth is similar to Nos. 3 and 4, but narrower, the hearth-plate measuring 3-ft. 6-in. X 2-ft. 8-in. A screen and bracket are included.

The hearth weighs about 13 cwt., and the bricks 4 cwt.

**No. 7.** This Hearth has a fire-plate 3-ft 6-in. X 2-ft. 7-in. The hearth is enclosed on the side facing the tuyere, this form being suitable for certain kinds of smiths' work, and especially for tempering steel forgings, for which latter purpose it is used at Enfield. This Hearth should be lined with fire-brick.

The Hearth weighs about 17 cwt., and the fire-bricks 7½ cwt.

Prices on application.





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CALCUTTA.



## MORGAN'S SALAMANDER CRUCIBLES

Large stock of the undernoted sizes always on hand :—

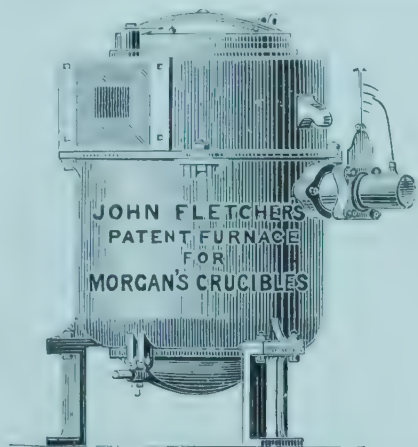
Nos. 1 2 4 6 8 10 12 16 20 30 40 60 80 100

Price, As. 4-3 per number.

Every number is equal to 2-lbs. weighing capacity.

Foundry Plumbago or Graphite for Moulders.

Price, Rs. 22-8 per cwt.



## FLETCHER'S PATENT HOT-AIR FURNACES.

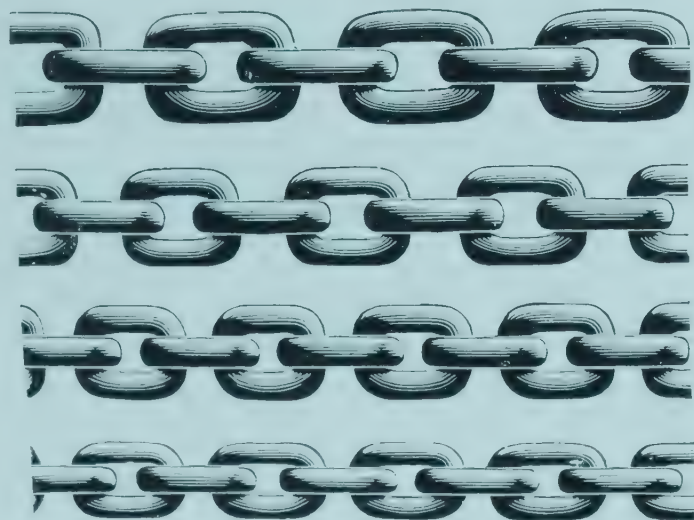
For melting Brass, Iron, Steel, and other metals.

Nos.	...	...	...	V.	W.	X.	Y.
Capacity Seers	...	...	...	10	30	60	100
Rs. each	...	...	...	420-0	825-0	1250-0	1675-0

Stands for the above Furnaces extra.

Prices subject to fluctuation.

BEST PROOF TESTED SHORT  
LINK CHAIN, as illustrated.



Chain $\frac{1}{4}$ -in.,	weight about	$2\frac{1}{4}$ -lbs.	per yd.	Price, Rs. 19-0	per cwt.
" $\frac{3}{8}$ -in.,	"	2 $\frac{3}{4}$ -lbs.	"	"	Rs. 17-8 "
" $\frac{1}{2}$ -in.,	"	3 $\frac{3}{4}$ -lbs.	"	"	Rs. 15-8 "
" $\frac{3}{4}$ -in.,	"	6-lbs.	"	"	Rs. 13-8 "
" $\frac{1}{2}$ -in.,	"	9-lbs.	"	"	Rs. 13-0 "
" $\frac{3}{4}$ -in.,	"	13-lbs.	"	"	Rs. 12-8 "
" $\frac{1}{2}$ -in.,	"	18-lbs.	"	"	Rs. 12-0 "
" 1-in.,	"	25-lbs.	"	"	Rs. 12-0 "
Best Tested Galvanized Chain.	$\frac{1}{4}$ -in.			"	Rs. 27-0 "
"	$\frac{3}{8}$ -in.			"	Rs. 25-0 "
"	$\frac{1}{2}$ -in.			"	Rs. 22-8 "

THE WELDLESS STEEL CHAIN.



No. 10.

Made from the best quality Bessemer steel.

No. B 8	...	$1\frac{1}{8}$ -in. length of link	...	Price, As. 6	per yard
" B 10	...	1-in.	...	" 6	"

Patent Weldless Steel Dog Chains, each 4 feet long. The strongest Chain made.

Light	...	...	...	...	As. 8 each.
Medium	...	...	...	...	" 12 "
Heavy	...	...	...	...	Rs. 1-0 "

Bright Dog Couples ... .. Rs. 1-4 each.

N.-P. Key Chains, with label ... .. " 1-0 "

" Chains, for Sportsmen's Knives ... .. " 1-8 "

Iron Jack Chain, double link, suitable for hanging lamps.

No. 16, 36-ft. long	...	...	...	Rs. 1-0	per doz. yds.
" 14	"	...	...	" 1-4	" "
" 12	"	...	...	" 1-12	" "

Brass Jack Chain, double link, suitable for hanging lamps.

No. 16, 36-ft. long	...	...	...	Rs. 3-4	per doz. yds.
" 14	"	...	...	" 4-12	" "

Brass Chain, suitable for hanging pictures.

No. 12, 36-ft. long	...	...	...	Rs. 4-8	per doz. yds.
" 14	"	...	...	" 5-4	" "

Terms Cash.

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Terms Cash

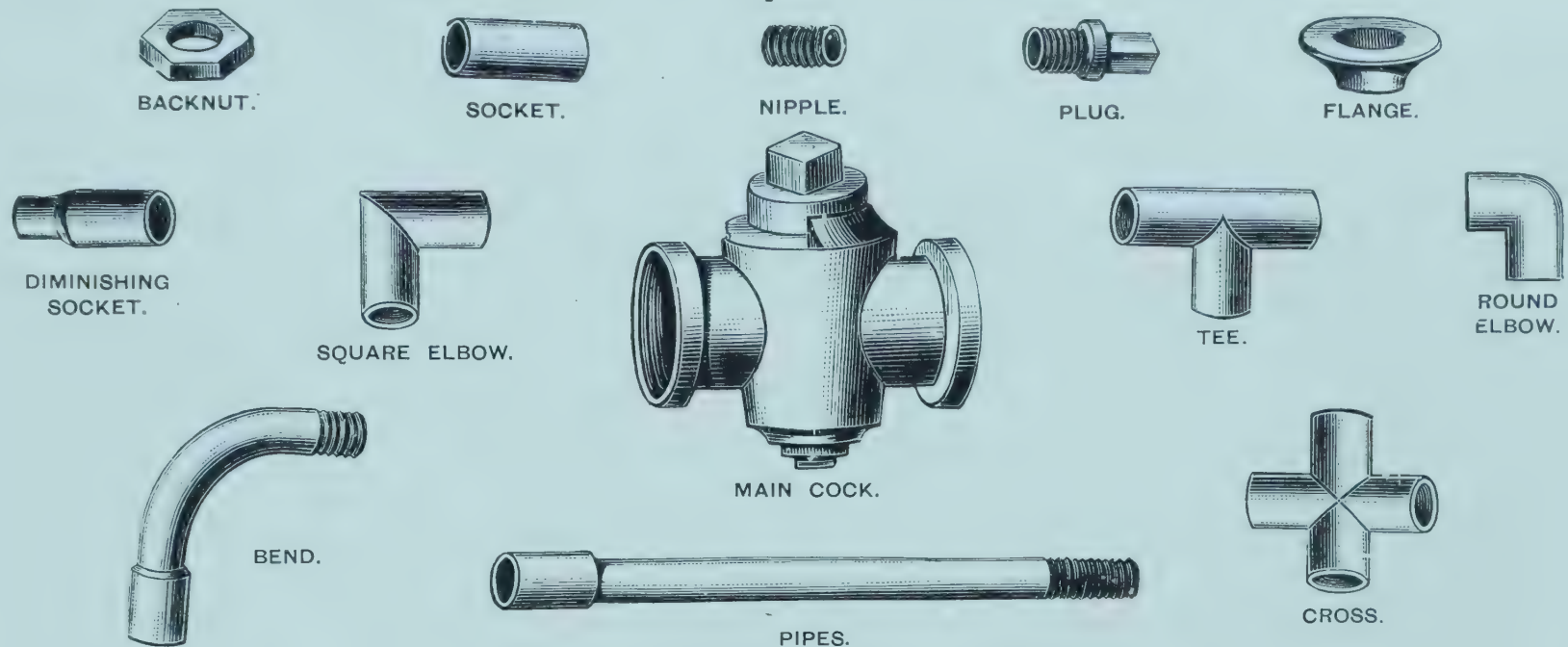


# W. LESLIE & CO.,

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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

# CALCUTTA.

## WROUGHT-IRON, BLACK AND GALVANIZED TUBES.



Wrought-iron, in lengths of about 15-ft.

Diameter ...	1/2-in.	3/4-in.	1-in.	1 1/4-in.	1 1/2-in.	1 3/4-in.	2-in.	2 1/2-in.	3-in.	3 1/2-in.	4-in.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Tubes, wrought-iron, per ft.	0 1 3	0 1 9	0 2 6	0 3 3	0 4 0	0 5 0	0 5 3	0 9 0	0 12	1 0	1 2
Sockets, plain ... each.	0 1 3	0 1 9	0 2 3	0 3 3	0 4 0	0 5 0	0 6 3	0 13 6	1 1	1 8	2 0
" diminishing "	0 2 3	0 2 9	0 3 3	0 4 0	0 5 0	0 6 0	0 7 0	0 14 0	1 8	2 0	2 12
Bends ...	0 3 0	0 4 0	0 5 0	0 7 0	0 10 0	0 14 6	1 1 0	2 10 0	4 0	6 0	8 0
Tees and Elbows...	0 3 0	0 4 6	0 6 0	0 7 0	0 10 0	0 13 0	1 0 0	2 8 0	4 4	6 0	8 0
Crosses, wrought-iron "	0 8 0	0 10 0	0 13 0	1 0 0	1 3 0	1 8 0	2 0 0	5 6 0	10 4	14 8	17 0
Flanges ...	0 5 6	0 6 6	0 7 3	0 8 0	0 9 3	0 10 0	0 13 0	2 8 0	2 12	3 4	4 0
Caps, plugs ...	0 1 9	0 2 9	0 2 9	0 3 9	0 4 9	0 5 6	0 7 3	0 14 0	1 4	1 10	2 4
Backnuts and nipples "	0 1 9	0 2 9	0 2 9	0 3 9	0 4 9	0 5 6	0 7 3	0 14 0	1 4	1 10	2 4
Iron main cocks ...	1 8 0	2 0 0	2 8 0	3 4 0	4 4 0	5 0 0	7 4 0	12 8 0	18 0	...	...
" " " with brass plugs ...	1 12 0	2 4 0	3 2 0	4 4 0	5 12 0	6 12 0	9 4 0	16 0 0	30 0	37 0	50 0

In 5-ft lengths, suitable for Pumps.

Diameter ...	1 1/4-in.	1 1/2-in.	2-in.
Black ...	Rs. per length 2-4	Rs. per length 2-8	Rs. per length 3-2
Galvanized ...	Rs. per length 2-8	Rs. per length 3-2	Rs. per length 3-14

## GALVANIZED WROUGHT-IRON LAP-WELDED TUBES.

Diameter ...	1/2-in.	3/4-in.	1-in.	1 1/4-in.	1 1/2-in.	1 3/4-in.	2-in.	2 1/2-in.	3-in.	4-in.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Galvanized Tubes ... per ft.	0 1 9	0 2 9	0 3 6	0 4 9	0 5 9	0 7 6	0 8 6	0 15 0	1 8 0	2 4 0
Sockets, plain ... each	0 2 3	0 2 6	0 2 9	0 4 0	0 4 6	0 6 3	0 7 0	...	...	...
" diminishing ...	0 3 0	0 3 3	0 4 0	0 4 9	0 6 3	0 7 0	0 9 0	...	...	...
Bends ...	0 4 9	0 6 0	0 8 3	0 10 0	0 13 6	1 4 0	1 8 0	...	...	...
Tees and Elbows ...	0 4 6	0 6 0	0 8 0	0 10 0	0 15 0	1 2 0	1 6 0	...	...	...
Crosses, wrought-iron "	0 12 0	0 14 0	1 0 0	1 8 0	2 0 0	2 4 0	3 0 0	...	...	...

WROUGHT-IRON LAP-WELDED BOILER TUBES, IN LENGTHS OF 16 FEET.

2 1/2-in. diameter, As. 8-0 per ft.

2 3/4-in. diameter, As. 8-6 per ft.

3-in. diameter, As. 0-3 per ft.

A

RAIN-WATER PIPES, CAST-IRON,  
IN 6-ft. LENGTHS.



All prices on this page are subject  
to fluctuation without  
notice.

Diameter ...	2 1/2-in.	3-in.	4-in.	5-in.	6-in.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cast-iron Rain-water Pipes ... per ft.	0 6 0	0 7 0	0 8 0	0 11 6	0 14 6
" shoes ... each.	1 0 0	1 0 0	1 4 0	1 12 0	2 8 0
" bends ...	1 2 0	1 4 0	1 6 0	2 0 0	3 0 0
" offsets ...	1 8 0	1 6 0	1 12 0	2 8 0	3 8 0
" branches ...	1 8 0	1 8 0	2 0 0	3 2 0	4 2 0
" heads ...	1 2 0	1 4 0	1 12 0	2 8 0	3 0 0

Terms cash.

We carry the largest stock of W.I. Pipes in India.

Terms cash







W. LESLIE &amp; CO.,

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CALCUTTA.

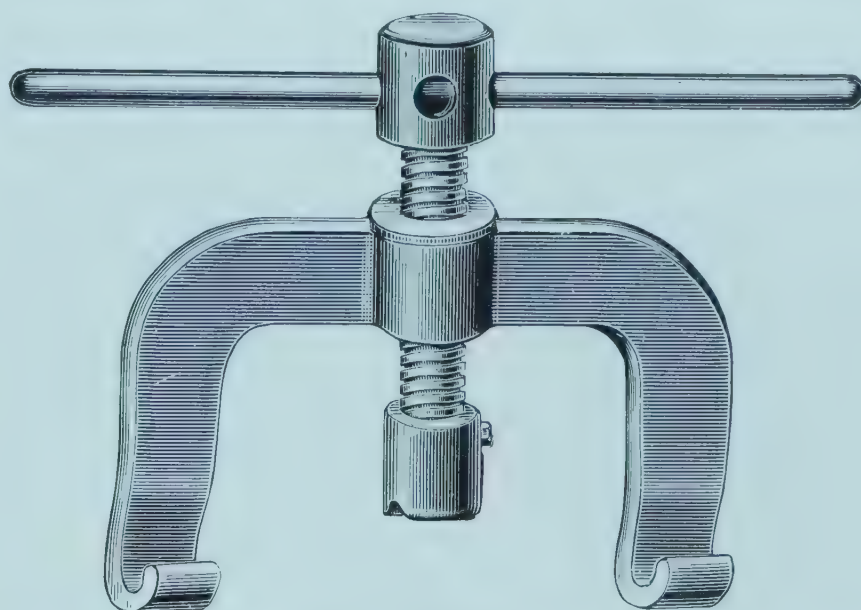
## RAIL BENDERS OR JIM CROWS.

Made of best  
hammered  
scrap iron.

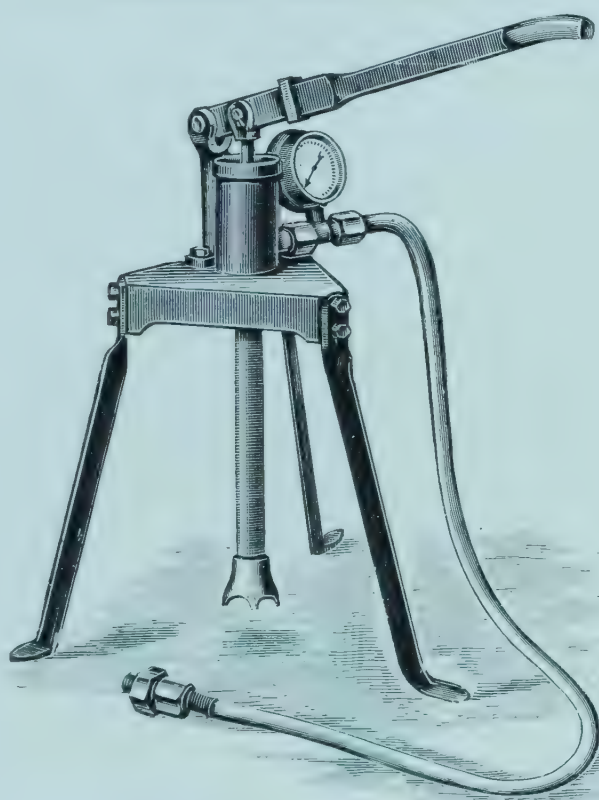
### SCREW RAIL BENDER.

Size	No.	3	4	5	7
To bend Iron Rails, ordinary section, up to lbs. per yard	30	55	75	120	
To bend Steel Rails, ordinary section, up to lbs. per yard	20	45	65	90	
Span inside Claws ... inches	16	20	24	24	
Diameter of Screw ... "	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	
Approximate Weight lbs.	60	100	140	180	
Price ... .. Rs.	37-8	46-0	60-0	87-8	

Prices are subject to fluctuation.



Screw Rail Bender.



### TRIPOD BOILER PROVER.

The Pump and Plunger are of gun-metal, of best quality and finish. The Suction Hose has a perforated casting at the end, to prevent any rubbish entering the Pump. The Delivery Hose, which is about 6-ft. long, has at the end a brass connection. It is complete, with pressure gauge 4-in. diameter.

For a pressure of lbs. per square inch	...	200	400	500
Approximate Weight	... lbs.	56	56	56
Price	... Rs.	175-0	200-0	220-0

Prices subject to fluctuation.

### RAILWAY SIGNAL FLAGS.

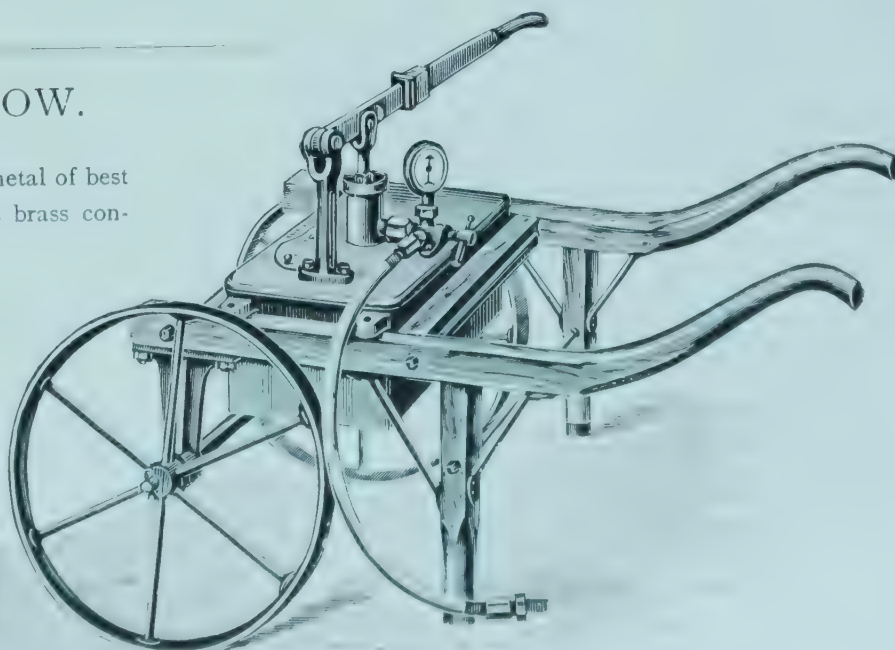
Red, green, white, 18-in. ... As. 5-0.

### BOILER PROVER ON BARROW.

The Cistern is of cast-iron. Pump and Plunger of gun-metal of best quality and finish. The Delivery Hose is 6-ft. long and has brass connection. It is complete, with 4-in. diameter pressure gauge.

For a pressure of lbs. per square inch	...	200	400	500
Approximate Weight, with Barrow	... lbs.	340	340	340
Approximate Weight, without Barrow	... lbs.	200	200	200
Price, with Barrow	... Rs.	300-0	310-0	320-0
without .. ..	..	275-0	280-0	300-0

Prices subject to fluctuation.





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CALCUTTA.



## HYDRAULIC LIFTING JACKS.

This is the ordinary type of Hydraulic Jack, with the cylinder and lifting foot cast in one piece. The cylinder and cistern are cast separately, are turned and bored an accurate fit, and forced together by hydraulic pressure. The pump and plunger are made of best gun metal, and carefully machined and fitted. The weight can be raised by one man, and instructions for using and keeping them in order are sent with each Jack. Each Jack is tested by Hydraulic pressure.

## LIFTING JACK.

Tested to ... .. Tons	6	10	15	20	40
Run out ... .. inches	10	12	12	12	11
Height when down ... .. "	24	27	28	28	29
Approx. weight ... .. lbs.	68	86	104	130	220
Price ... .. Rs.	80-0	100-0	120-0	130-0	180-0

## SCREW LIFTING JACKS.

## Haley Jack with Wood Case.

Elm case, wrought-iron front plate and cast-iron back plate; wrought iron screw and foot; hammered iron case-hardened worm and wheel; wrought-iron lever. Two wrought-iron lifting handles are supplied with the 8, 10, 12, and 16 ton sizes.

## Haley Jack, Wood Case.

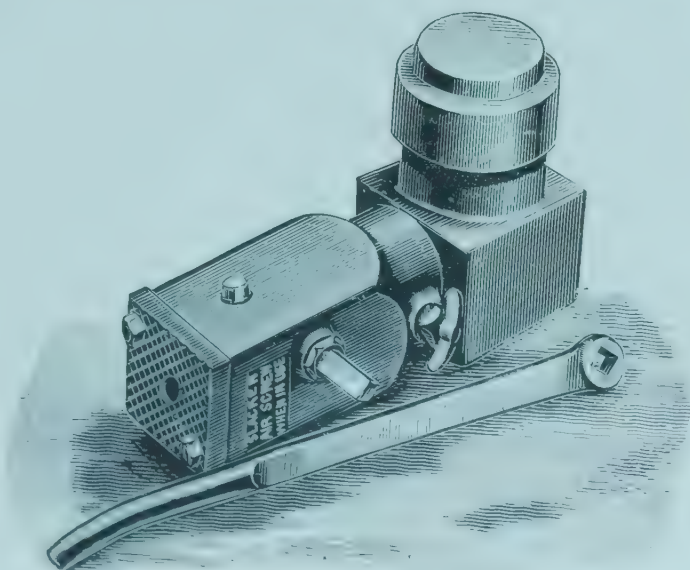
Tons ... ..	6	10	12	20
Diam., screw ... .. ins.	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{7}{8}$
Height when down ... .. "	32	34	36	41
Approx. weight ... .. lbs.	110	165	196	448
Price ... .. Rs.	60-0	80-0	115-0	200-0



## HYDRAULIC SHIP JACK.

We have now entirely discarded cast steel for the cylinders of our Ship Jacks, iron, which is more reliable. They are so arranged that they can be worked in weight can be raised by one man. The fifty ton size and up have carrying handles fitted. Instructions for using and keeping them in order are supplied with each Jack.

Each Jack is tested by hydraulic pressure.



To lift ... .. Tons	12	20	35	50	100
Height when down ... .. ins.	11	11	12	13	14
Run out ... .. "	6	6	7	7	7
Approx. weight ... .. lbs.	96	104	138	225	389
Price ... .. Rs.	130-0	150-0	220-0	275-0	350-0

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2-6, CHOWRINGHEE ROAD, } CALCUTTA.



## SCREW LIFTING JACKS.

Malleable-iron Case Screw Jacks, Wrought-iron Screws.

### BOTTLE JACK, IRON CASE.

Tons	...	...	...	...	...	...	...	3	5	8	10
Diameter Screw	...	...	...	...	...	...	ins.	1 $\frac{5}{8}$	1 $\frac{3}{4}$	2 $\frac{1}{8}$	2 $\frac{3}{8}$
Height when down	...	...	...	...	...	...	"	14	21	24	24
Approximate Weight	...	...	...	...	...	...	lbs.	19	32	53	63
Price	...	...	...	...	...	...	Rs.	9-0	13-8	19-8	30-0

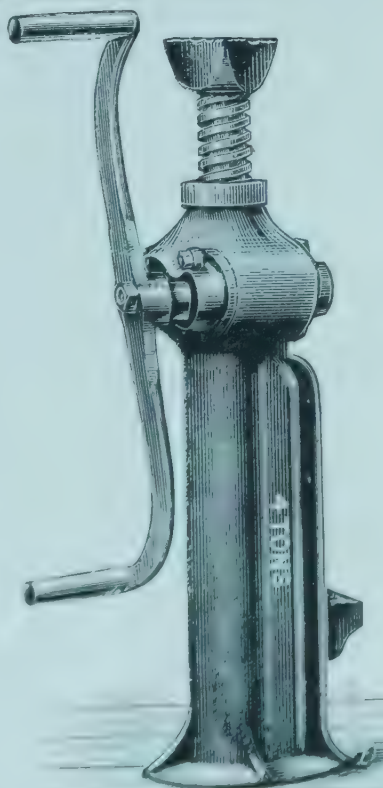
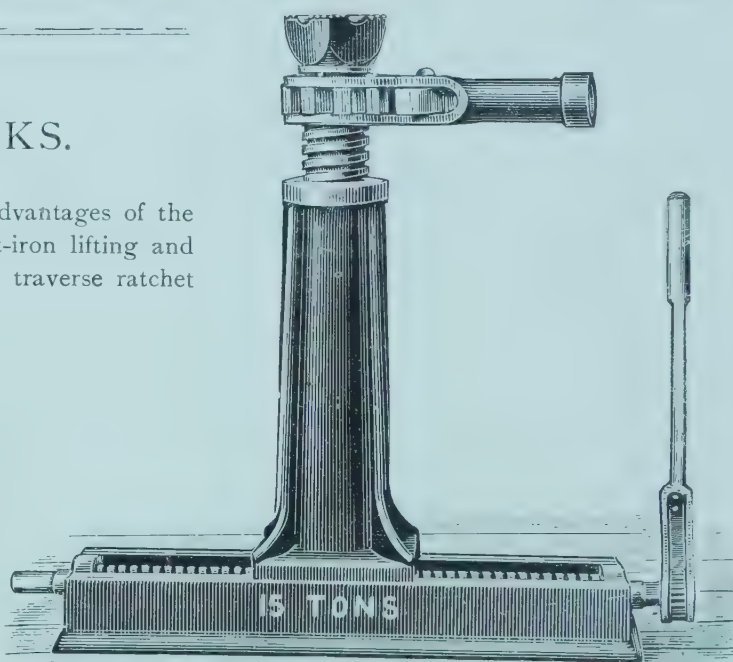
## SCREW LIFTING AND TRAVERSING JACKS.

This design secures the rigidity of the "Bottle" type, with the advantages of the open "Leg" type. It has malleable cast-iron case and nuts; wrought-iron lifting and traverse screws; double ratchet with wrought-iron wheel and pawl. A traverse ratchet lever to fit on either end of traverse screw is supplied with each jack.

### TRAVERSING JACK.

Malleable Case and Base, and Wrought-iron Screws.

To Lift ...	... Tons	5	8	10	12	15	20
Diam. Elevating Screw	ins.	2	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{7}{16}$	2 $\frac{1}{2}$	3
Height when down	"	18	20	24	24	20	27
Length of Traverse	"	6 $\frac{1}{2}$	7	10	12	15	18
Approx. Weight	lbs.	70	76	90	112	137	190
Price	Rs.	36-0	42-8	55-0	60-0	75-0	95-0



## SCREW LIFTING JACKS.

### HALEY JACK WITH IRON CASE.

Malleable cast-iron case; wrought-iron screw and foot; hammered iron case-hardened worm and wheel; wrought-iron lever. Two lifting handles are supplied in all but the 2 and 4 ton sizes.

### HALEY JACK, MALLEABLE-IRON CASE.

Tons	...	...	...	...	...	...	...	6	8	10	12
Diameter Screw	...	...	...	...	...	...	ins.	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
Height when down	...	...	...	...	...	...	"	28	30	31	34
Approximate Weight	...	...	...	...	...	...	lbs.	97	132	145	195
Price	...	...	...	...	...	...	Rs.	65-0	85-0	95-0	120-0



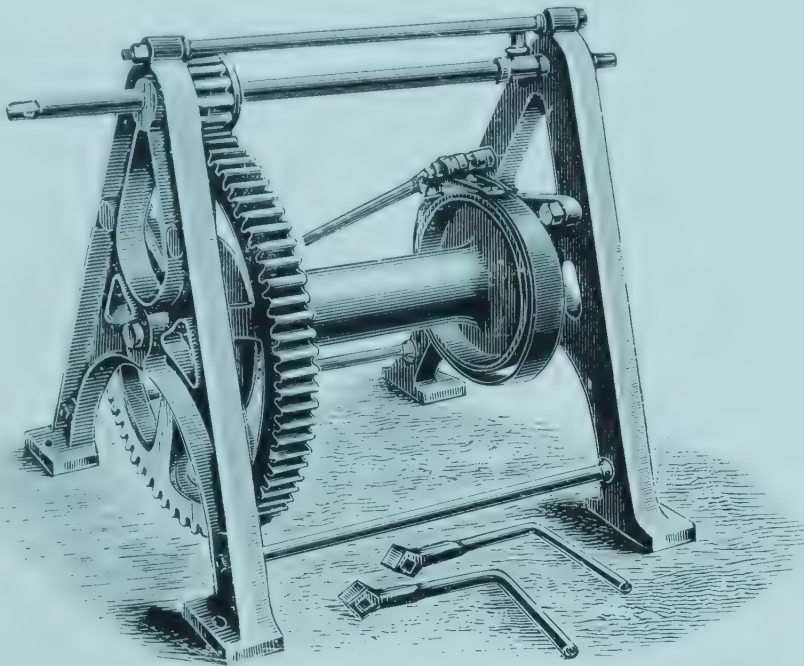
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2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## IMPROVED HOISTING CRAB WINCHES.

This is an improved type of Hoisting Crab. The barrel and brake wheel are cast together. The brake wheel is fixed inside the frame, which is much more compact and better to handle than the old style. The sides are bolted together with wrought-iron stretchers, and the shafts are all wrought-iron turned where the gearing is keyed on, and where they work in the bearings.

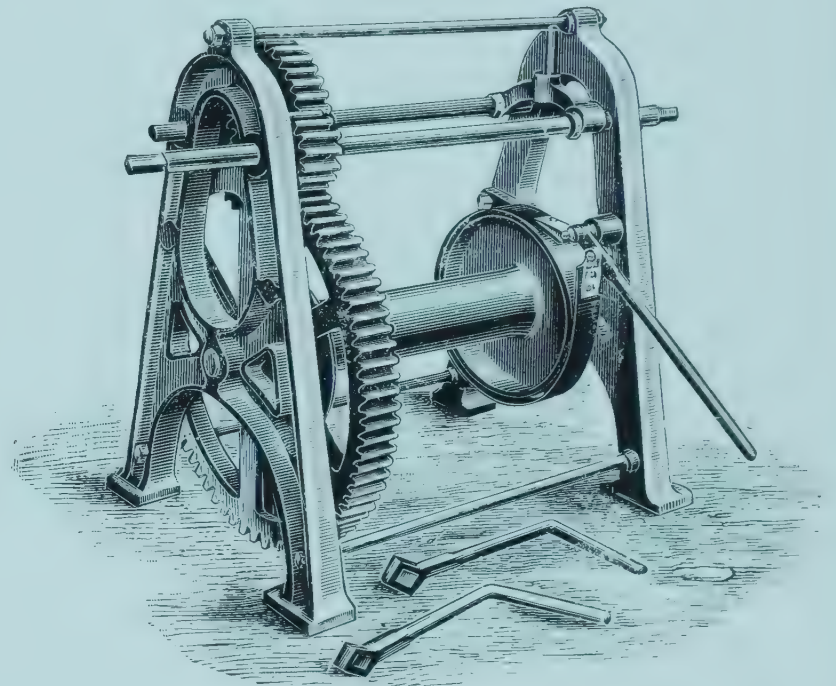


SINGLE PURCHASE, WITH CAST-IRON SIDES.

To lift direct from Barrel ... Cwts.	8	12	16	20
To lift with 2 & 3 Sheave Blocks ... Tons	2	3	4	5
Diam. of Barrel ... ins.	4½	4½	4½	4½
Length of Barrel between flanges ... "	12	14	16	18
Approx. weight of Crab with ordinary Brake ... lbs.	244	274	342	392
Price of Crab with ordinary Brake ... Rs.	55-0	60-0	70-0	80-0

DOUBLE PURCHASE, WITH CAST-IRON SIDES.

No.	10	11	12	14	15	17
To lift direct from Barrel ... Cwts.	16	20	25	48	60	80
To lift with 2 & 3 Sheave Blocks ... Tons	4	5	6	12	15	20
Diam. of Barrel ... ins.	4½	4½	5	6½	7	7
Length of Barrel between flanges ... "	16	18	19	22	26	30
Approx. weight of Crab with ordinary Brake ... lbs.	392	434	572	900	1100	1600
Price of Crab with ordinary Brake ... Rs.	85-0	100-0	115-0	170-0	210-0	350-0



DOUBLE PURCHASE, WITH WROUGHT-IRON SIDES.

No.	11	12	14	15	17
To lift direct from Barrel ... Cwts.	20	25	48	60	80
To lift with 2 & 3 Sheave Blocks ... Tons	5	6	12	15	20
Diam. of Barrel ... ins.	4½	5	6½	7	7
Length of Barrel between flanges ... "	18	19	22	26	26
Approx. weight of Crab with ordinary Brake ... lbs.	454	602	900	1050	1540
Price of Crab with ordinary Brake ... Rs.	120-0	135-0	200-0	235-0	360-0

Terms Cash.

Prices are subject to fluctuation without notice.

Terms Cash.

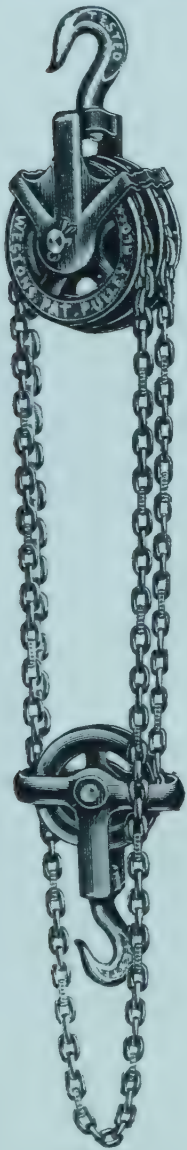


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## IMPROVED WESTON'S DIFFERENTIAL PULLEY BLOCKS.

WITH SWIVELLING RADIAL CHAIN GUIDES.

Without Guide.



Each Block and Chain is tested at our Works to full test load by raising and lowering dead weights. The word **Tested** is stamped on the top hook, and on the chains.

These Guides are appreciated by all who give them a trial, as being a solution of the difficulty of the twisting of the Chains so common with the ordinary Weston's Blocks. The Chain is guided without a twist into the notches of the sheaves, and jamming of the links is thereby prevented.

Tested to ... .. Tons	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	3	4
Price of Blocks with 50 ft. B. B. Bright Chain ... .. Rs.	19-0	22-0	30-0	40-0	47-0	60-0	80-0

*When ordering to lift a given weight, we recommend the Block one size larger.*

### WITHOUT GUIDES.

These Blocks are now so well known that no explanation is necessary.

Tested to ... .. Tons	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	3	4
Price of Blocks with 50-ft. B. B. Chain ... .. Rs.	18-0	21-0	28-0	37-8	45-0	52-8	70-0

*When ordering to lift a given weight, we recommend the Block one size larger.*

With Guide.



“SAFETY SELF-SUSTAINING” LIFTS  
FOR HAND POWER.

Single and Double Dinner,  
Luggage and Furniture,  
Warehouse,  
Carriage and Waggon,  
Invalid and Hospital.

ESTIMATES AND DRAWINGS ON APPLICATION.

CRABS,  
OVERHEAD TRAVELLERS,  
DERRICK WINCHES, &c.

HAND POWER  
PORTABLE AND  
WHARF CRANES, &c.

PRICES AND SPECIFICATIONS ON APPLICATION.

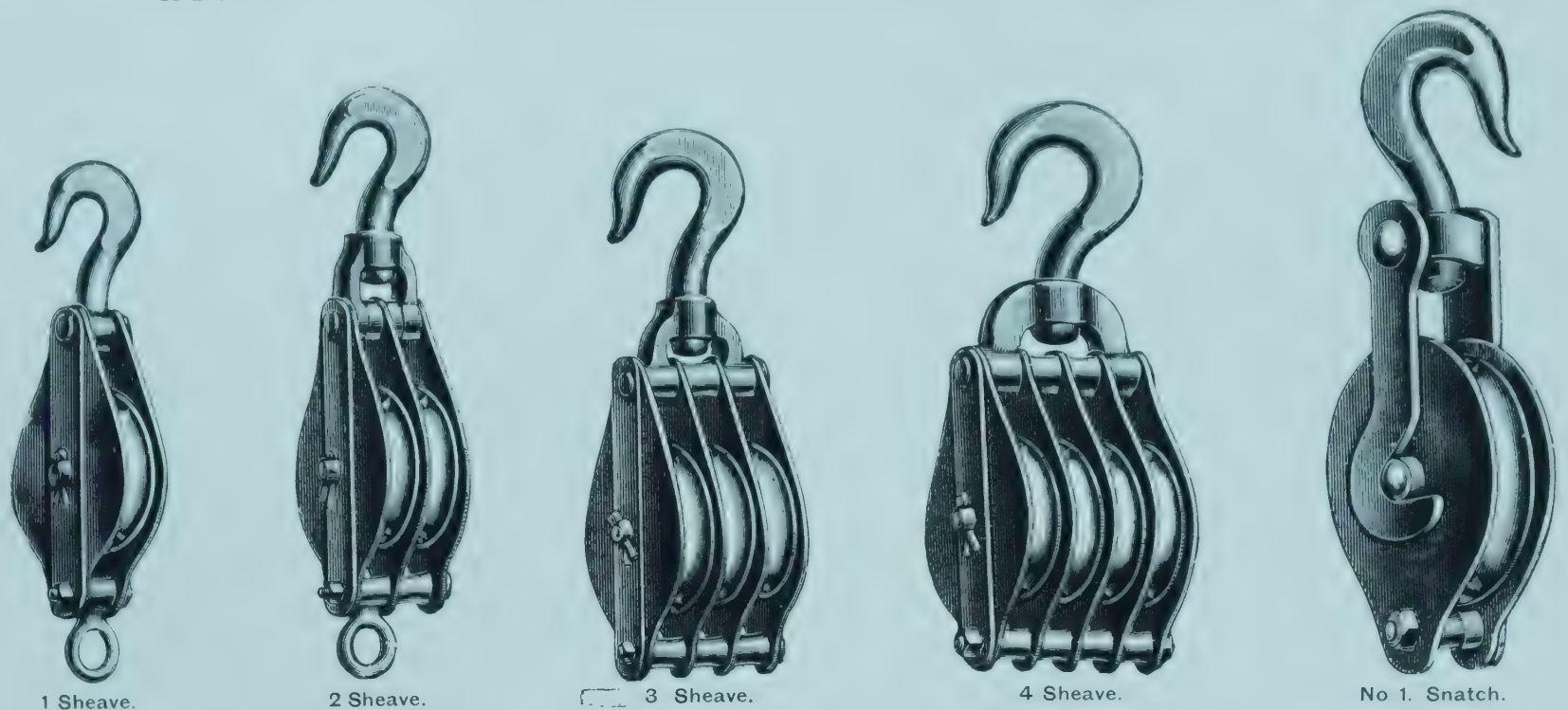
## WROUGHT IRON PULLEY BLOCKS.

London pattern, with turned Shafts and bright Pulleys which are bored.

Complete line in Stock.



LONDON PATTERN WROUGHT-IRON PULLEY BLOCKS.



Dia. of Sheave	...	...	...	in. 4 $\frac{3}{4}$ X $\frac{3}{4}$	in. 5 X $\frac{7}{8}$	in. 6 X 1	in. 8 X 1 $\frac{1}{2}$	in. 9 X 1 $\frac{3}{4}$	in. 10 X 2	in. 12 X 2 $\frac{1}{2}$	in. 15 X 3
Width of Groove	...	...	...								
PRICE. SNATCH	...	...	Rs.	4-12	6-0	7-0	11-8	17-8	30-0	55-0	110-0
Approx. Weight each Block will lift	...	Cwts.		7	10	12	27	35	48	75	105
Approx. Weight of each Block	...	lbs.		8	10	12	29	44	52	108	190
PRICE. 1 SHEAVE BLOCK	...	Rs.		3-4	4-8	5-0	8-8	17-8	21-0	37-8	65-0
Approx. Weight each Block will lift	...	Cwts.		7	10	12	27	35	48	75	105
Approx. Weight of each Block	...	lbs.		9	11	14	32	47	60	104	190
PRICE. 2 SHEAVE BLOCK	...	Rs.		5-0	7-0	8-12	17-0	27-8	37-0	75-0	90-0
Approx. Weight each Block will lift	...	Cwts.		14	20	24	54	70	96	150	210
Approx. Weight of each Block	...	lbs.		13	16	23	53	78	102	184	330
PRICE. 3 SHEAVE BLOCK	...	Rs.		7-0	9-4	11-0	22-8	40-0	52-8	100-0	125
Approx. Weight each Block will lift	...	Cwts.		21	30	36	81	105	144	225	315
Approx. Weight of each Block	...	lbs.		18	24	30	70	110	132	232	540
PRICE. 4 SHEAVE BLOCK	...	Rs.		13-0	17-3	17-8	40-0	60-0	75-0	150-0	225-0
Approx. Weight each Block will lift	...	Cwts.		28	40	48	108	140	192	300	420
Approx. Weight of each Block	...	lbs.		23	34	43	102	152	190	312	645
SPARE IRON SHEAVES	...	...	each	0-12-0	1-0	1-4	3-0	4-0	5-0	9-0	16-0
Size of Chain Blocks will take	...			$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
" Rope	...			2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	4 $\frac{1}{2}$	5	6	7 $\frac{1}{2}$	9

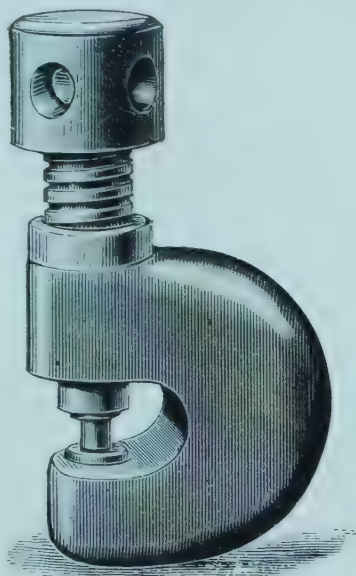
GIN BLOCKS OR RUBBISH PULLEYS.

Dia. of Pulley	...	...	in.	6	8	12	16	20
Width of Groove	...	in.		1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Price	...	...		4-6	6-0	8-4	12-8	17-0
Approx. Weight	...	...	lbs.	8	13	21	43	58



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2-6, CHOWRINGHEE ROAD. } CALCUTTA.

## DUPLEX AND SCREW PUNCHING BEARS.



Screw Punching Bear.

**SCREW BEARS.**—The bodies are made of forged steel and the screws of best hammered iron.

### SCREW PUNCHING BEARS.

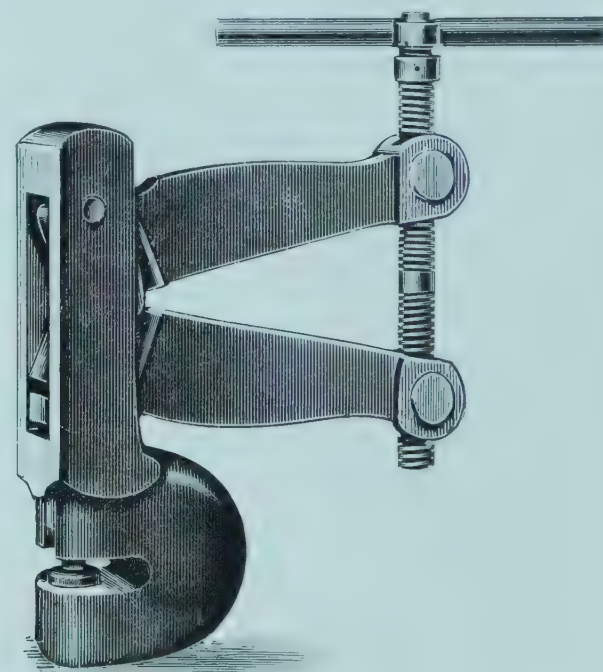
Size	...	...	...	...	...	No.	1	2	3	4
To punch holes diameter	...	...	...	...	...	ins.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
Through iron plate thick	...	...	...	...	...	"	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Depth Gap from centre of punch	...	...	...	...	...	"	$1\frac{5}{8}$	$1\frac{15}{16}$	$2\frac{1}{8}$	$2\frac{1}{2}$
Approx. Weight	...	...	...	...	...	lbs.	23	38	56	85
Price	...	...	...	...	...	Rs.	36-0	38-0	57-8	100-0
Extra Round Punches and Dies, $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ -in. $\text{p}^{\text{r}}$ pair	...	...	...	...	...	"	5-0	5-0	6-0	6-0
" " " $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ -in. " "	...	...	...	...	...	"		6-0	6-8	7-0

We can supply Punches and Dies larger than list sizes for either size Bear.

**DUPLEX.**—The bodies and levers are made entirely of forged steel, the rings are turned and bored from solid steel, so that there are no welds to burst when being used; the pins, screws, and nuts are of steel. All parts are accurately made and fitted.

### DUPLEX PUNCHING BEAR.

Size	...	...	...	...	...	No.	1	2	3	4
To punch holes diameter	...	...	...	...	...	ins.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
Through iron plate thick	...	...	...	...	...	"	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Depth Gap from centre of punch	...	...	...	...	...	"	$1\frac{1}{8}$	$1\frac{1}{2}$	2	2
Approx. Weight	...	...	...	...	...	lbs.	20	40	85	130
Price	...	...	...	...	...	Rs.	47-8	65-0	100-0	155-0
Extra Round Punches and Dies, $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ -in. $\text{p}^{\text{r}}$ pair	...	...	...	...	...	"	5-0	5-0	6-0	6-0
" " " $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ -in. " "	...	...	...	...	...	"		6-0	6-8	7-0



Duplex Bear.

## HYDRAULIC PUNCHING BEARS.

Forged steel bodies and ram, gun metal pump, with forged steel plunger, wrought-iron hand lever, and pump wrench.

Printed instructions for using and keeping in order sent with each Bear.

### OPEN MOUTH BEAR.

Size	...	...	...	...	...	No.	1	2	3
Will punch holes diameter	...	...	...	...	...	ins.	$\frac{3}{4}$	1	$1\frac{1}{4}$
Through iron plates...	...	...	...	...	...	"	$\frac{1}{2}$	$\frac{3}{4}$	1
Depth Gap from centre of punch	...	...	...	...	...	"	$1\frac{3}{4}$	2	$2\frac{1}{4}$
Approx. Weight	...	...	...	...	...	lbs.	71	125	340
Price, including One Punch and Die	...	...	...	...	...	Rs.	140-0	185-0	400-0
Extra Round Punches and Dies	...	...	...	...	...	$\text{p}^{\text{r}}$ pair	5-0	7-0	7-0

### RAILWAY CLOSE MOUTH BEAR.

Size	...	...	...	...	...	No.	1	2	3
Will punch holes diameter	...	...	...	...	...	ins.	$\frac{3}{4}$	1	$1\frac{1}{4}$
Through iron plates...	...	...	...	...	...	"	$\frac{1}{2}$	$\frac{3}{4}$	1
Approx. Weight	...	...	...	...	...	lbs.	97	173	289
Price, including One Punch and Die	...	...	...	...	...	Rs.	240-0	340-0	560-0
Extra Round Punches and Dies	...	...	...	...	...	$\text{p}^{\text{r}}$ pair	5-0	7-0	7-0





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## Union Screw.



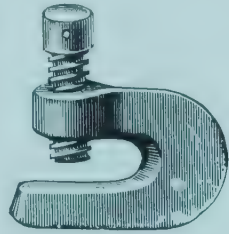
Diam. of Screw.	Price.	Run out.
$\frac{1}{2}$ in.	Rs. 3-8	$6\frac{1}{2}$ in.
$\frac{3}{4}$ "	" 5-0	$8\frac{1}{2}$ "
1 "	" 7-8	9 "
$1\frac{1}{4}$ "	" 10-0	$9\frac{1}{2}$ "

## Union Screw. No. 102.



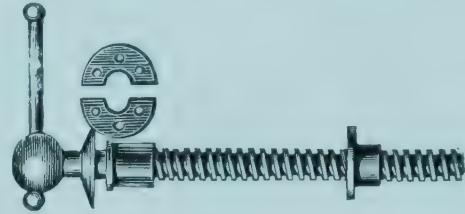
Diam. of Screw.	Price.	Hook one end.	Hook both ends.	Run out.
$\frac{3}{4}$ in.	Rs. 10-0	Rs. 11-0		12 in.
1 "	" 12-0	" 13-0		12 "
$1\frac{1}{4}$ "	" 14-0	" 16-0		12 "

## Wrought Iron Boiler Cramp, with steel screw.



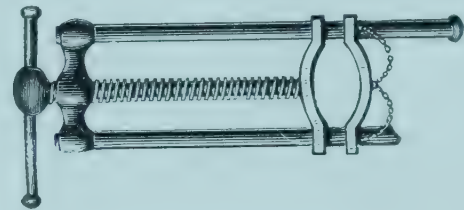
To take in ... inches	2	3	4	5	6
Price ... Rs. each	3-8	4-8	6-0	7-8	10-0

## Joiners' Bench Screws.



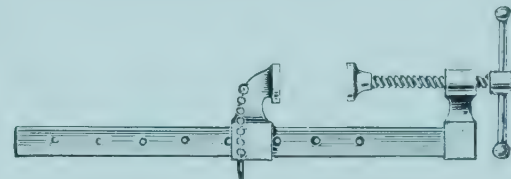
Steel 20 in. by $1\frac{1}{4}$ in. ...	Rs. 10-8
" 22 " $1\frac{1}{2}$ " ...	" 12-0
" 24 " $1\frac{3}{4}$ " ...	" 15-0
Wooden Bench Screws, $2\frac{1}{2}$ in. ...	" 2-4

## Wrought Iron Rigging Screws.



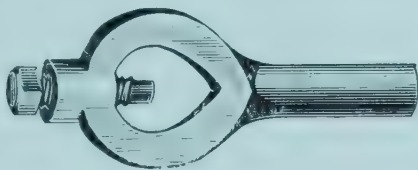
No. 1, 12 in. long	Rs. 11-0
" 4, 18 "	" 15-0

## Wrought Iron Carpenters' Cramps.



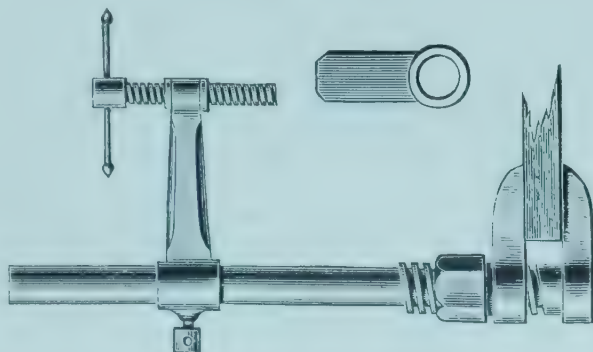
Will take in 48 inches. Price, Rs. 17-8.

## Lathe Carriers.



Diam. will take ... inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3
Price Malleable Iron ... each, Rs.	2-0	2-4	3-0	5-0	8-0	12-0

## Drilling Pillars.



Price, Rs. 33-0 each.



## Crank Brace.



14-in. ... Price, Rs. 8-12.

Terms Cash.

Terms Cash.

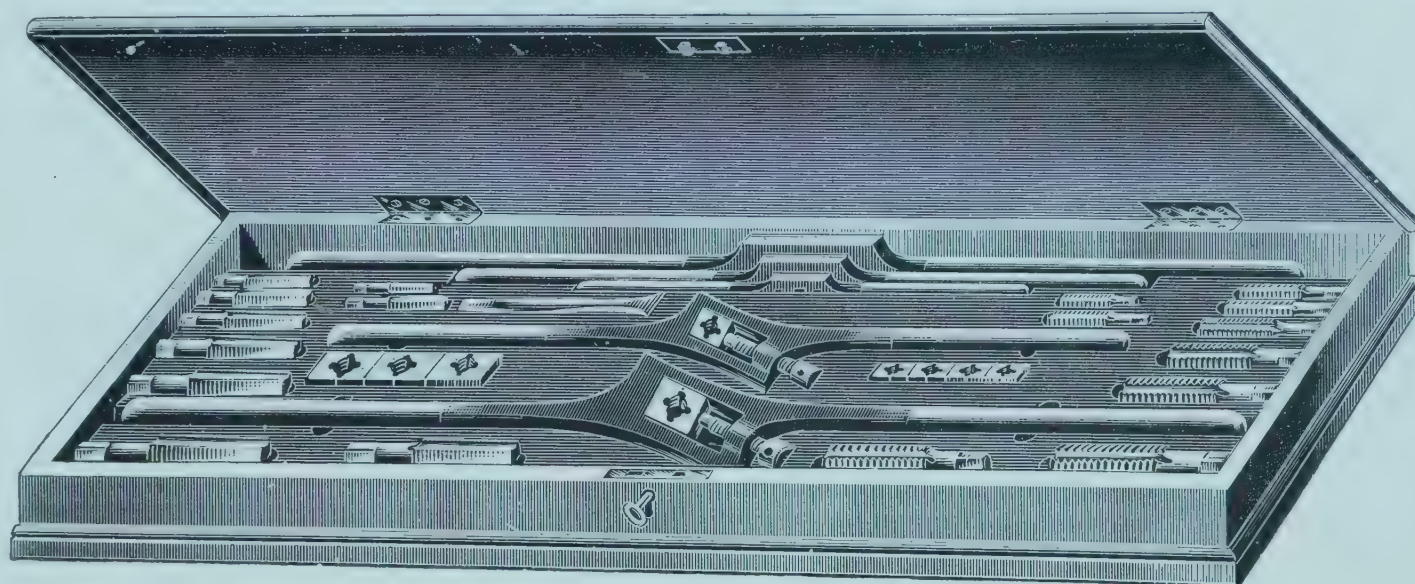


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2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## BEST STOCKS AND DIES FOR ENGINEERS' USE.

WHITWORTH'S STANDARD THREAD.

FITTED INTO TEAKWOOD CASES.



PRICES ON APPLICATION.

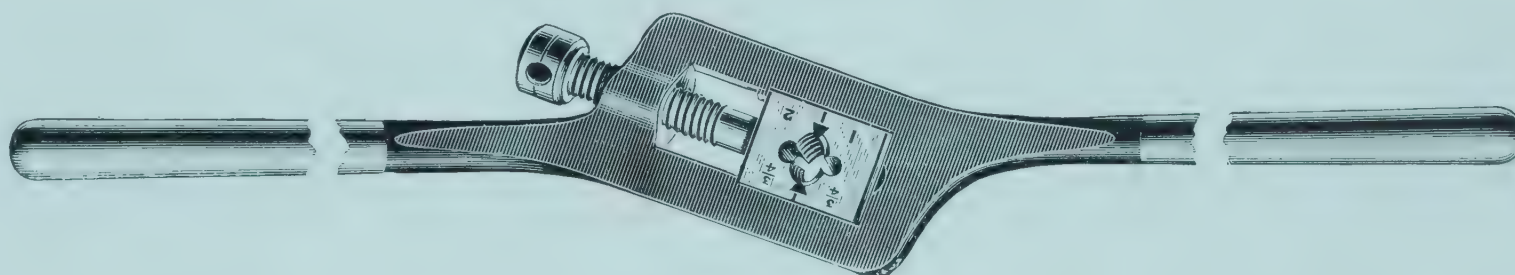
With taper and plug taps to each size, and tap wrenches.

With taper, 2nd, and plug taps to each size, and tap wrenches.

With taper, 2nd, plug and master taps to each size, and tap wrenches.

## BEST STOCKS AND DIES FOR ENGINEERS' USE.

WHITWORTH'S STANDARD THREAD.



TO SCREW.	With taper and plug tap to each size.	TO SCREW.	With taper and plug tap to each size.	To screw the same sizes.	With taper, 2nd, and plug taps to each size.	per set.
1 1/2 1 1/4 1 1/8 ...	Rs. 25-0	1 3/4 1 1/2 1 1/4 1 1/8 ...	Rs. 35-0	Rs. 32-8	Rs. 47-8	..
1 1/4 1 1/8 1 ...	Rs. 47-8	1 1/2 1 1/4 1 1/8 1 ...	Rs. 60-0	Rs. 65-0	Rs. 85-0	..
1 1/8 1 1/4 1 1/8 1 ...	Rs. 80-0	1 1/2 1 1/4 1 1/8 1 ...	Rs. 125-0	Rs. 103-0	Rs. 140-0	..

## TAP WRENCHES.



For Engineers' Tap...	Rs. 3-0	4-0	5-0	6-0	8-0	8-10	9-12	12-15	15-20	21-0 each
For Iron Gas Tap...	R. 7-8	10-8	12-8	17-8	25-0	35-0 each				

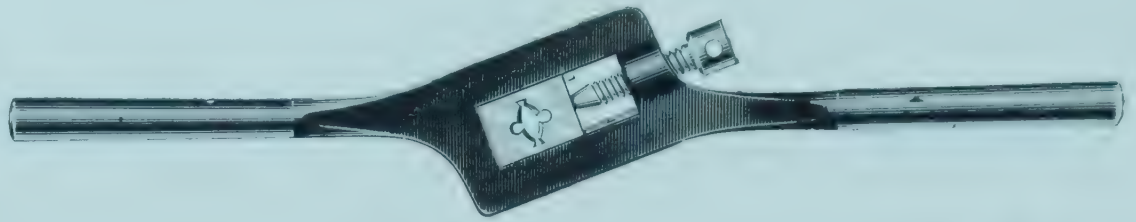
## TABLE OF WHITWORTH'S STANDARD THREADS.

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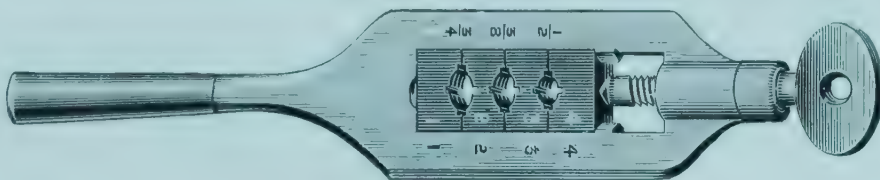


# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## STOCKS AND DIES FOR IRON GAS TUBES.



To Screw, In. $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ ... .. .	With Taper and Plug Tap to each size, Price, Rs. 25-0
.. In. $\frac{1}{2}$ $\frac{3}{4}$ 1 ... .. .	.. .. . Price, Rs. 42-8
.. In. $1\frac{1}{4}$ $1\frac{1}{2}$ 2 ... .. .	.. .. . Price, Rs. 90-0
.. In. $1\frac{1}{2}$ $1\frac{3}{4}$ 2 ... .. .	.. .. . Price, Rs. 120-0
.. In. $2\frac{1}{2}$ 3 ... .. .	.. .. . Price, Rs. 185-0

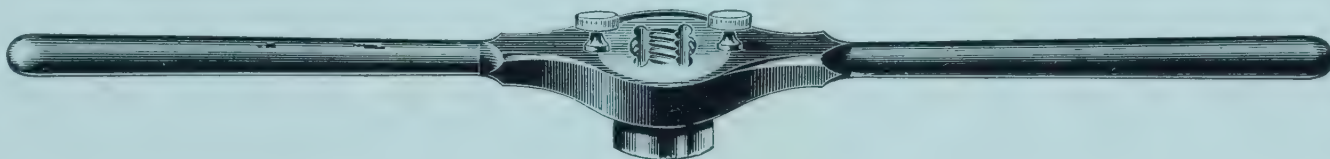


## STOCKS AND DIES FOR BRASS OR COPPER TUBES,

With Taper and Plug Taps to each size.

To Screw ... .. $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , Brass ... .. $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , Brass ... .. $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , ... .. $\frac{3}{4}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , ... .. $\frac{3}{4}$ , $\frac{7}{8}$ , 1, Brass Tube.
Price, Rs. per set, ... .. 18-0 ... .. 20-0 ... .. 25-0 ... .. 30-0 ... .. 42-8

## SOLID DIE STOCK FOR SCREWING IRON GAS TUBE AT ONCE OVER.



Size, In. ... .. $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 ... .. $1\frac{1}{4}$ $1\frac{1}{2}$ 2 ... .. $2\frac{1}{2}$ 3
Rs. 32-8. ... .. Rs. 40-0. ... .. Rs. 125 (4-arm).

## BEST HAND WORKING TAPS FOR ENGINEERS' USE.

Whitworth's Standard Thread.



TAPER



SECOND



PLUG

Price of Master Taps 25 per cent. above Taper Taps.

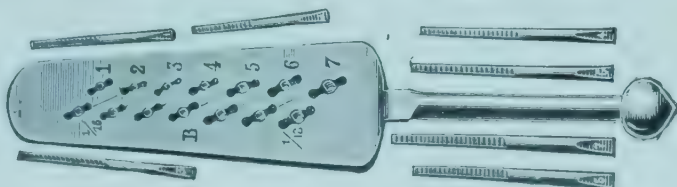
Size, In. ... .. $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ $1\frac{5}{8}$ $1\frac{3}{4}$ 2 $2\frac{1}{2}$ 3
Price, Rs. each ... .. 1-8 1-10 1-12 2-0 2-0 3-0 3-12 4-4 4-12 6-0 6-4 8-0 9-4 10-0 13-8 15-8 27-8 40-0

## FLUTED RIMER.



Size, In. ... .. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{4}$ $2\frac{1}{2}$
Price, Rs. each ... .. 3-0 4-8 5-0 6-0 7-0 9-0 12-8 16-0 20-0 30-0 37-8

## SINGLE-HAND CLOCK SCREW PLATE AND TAPS.



Sizes, ... .. 8 10 12 14
Price, Notched, Rs. each ... .. 4-8 6-0 8-0 10-0

## CAST STEEL DRILLS.

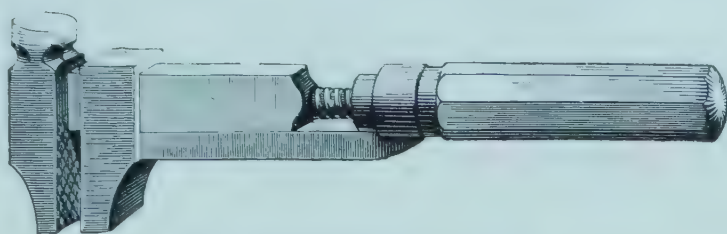


Made from best Tool Steel Price, Rs. each, 0-12-0
Set of 7, $\frac{1}{4}$ to 1 ... .. Price, Rs. per set, 5-4
Set of 11, $\frac{1}{4}$ to $1\frac{1}{2}$ ... .. Price, Rs. per set, 8-4



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

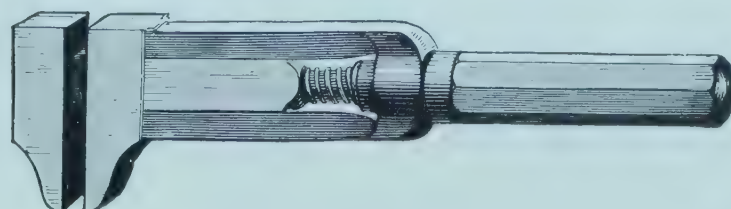
## RAILWAY OR SCREW WRENCHES.



Single Coach Wrench, No. 093.

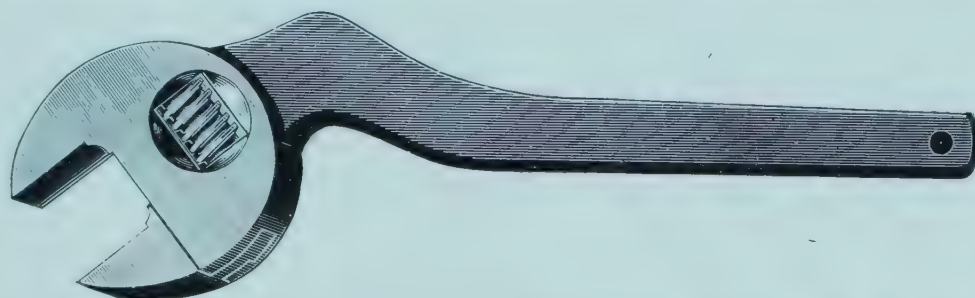
Inches	6	8	10	12	14				
Rs. each	2-8	...	2-12	...	3-8	...	4-0	...	5-4

## RAILWAY OR SCREW WRENCHES.



Double Coach Wrench, No. 0214.

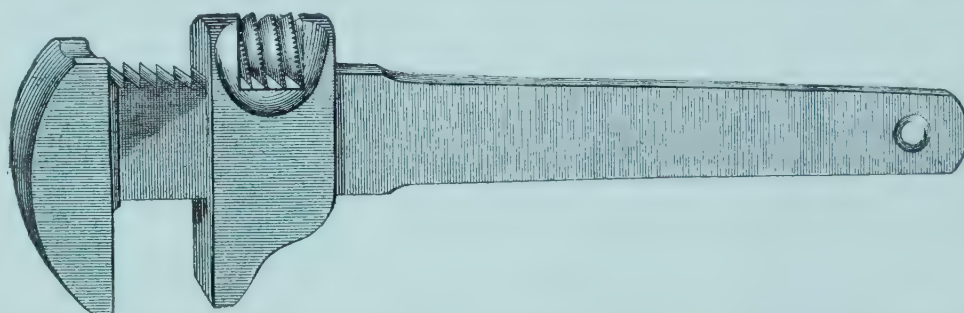
Inches	8	10	12	14	16	18					
Rs. each	4-0	...	4-12	...	5-8	...	7-4	...	9-0	...	14-0

CLYBURN'S IMPROVED SPANNER,  
No. 020.

Length	6	8	10	12	15	18	21	24
Span	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
Price, Rs.	3-0	3-8	4-4	5-4	6-8	8-12	11-0	15-0



BUDDING'S IMPROVED SPANNER,  
No. 022.

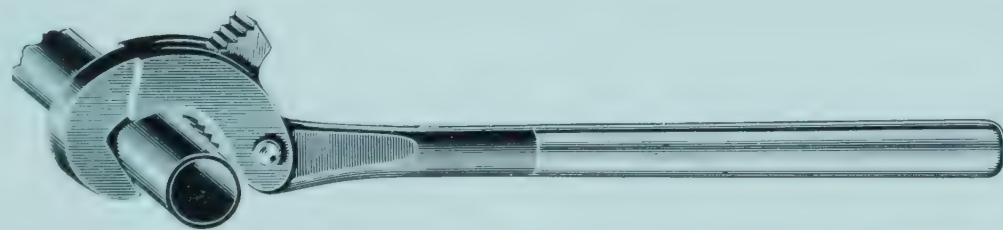
Length	8	10	12	16	18	24
Span	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$3\frac{1}{4}$
Price, Rs.	4-8	5-0	6-0	9-0	10-0	17-8



## HEXAGONAL AND SQUARE NUTS.

The following table gives the standard finished sizes.

Diameter of Screw, inch	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
A. 	$\frac{17}{32}$	$\frac{19}{32}$	$\frac{11}{16}$	$\frac{25}{32}$	$\frac{15}{16}$	1	$1\frac{3}{32}$	$1\frac{5}{32}$	$1\frac{7}{32}$	$1\frac{1}{2}$	$1\frac{11}{16}$	$1\frac{7}{8}$	$2\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{7}{16}$	$2\frac{5}{8}$	$2\frac{3}{4}$	3	$3\frac{3}{16}$
B. 	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$



## IMPROVED PIPE WRENCHES.

To take pipes and sockets of the sizes specified.

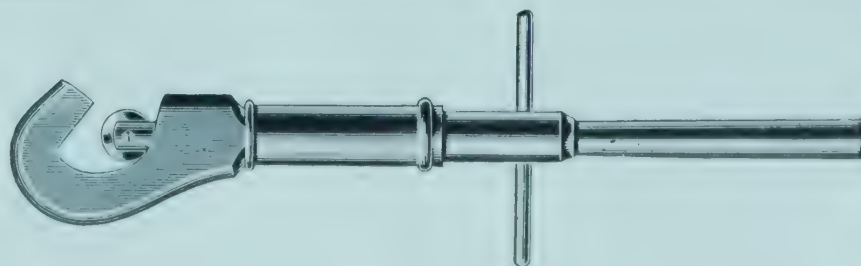
Improved Pipe Wrench.

Inch	$\frac{1}{2}$ to $1\frac{1}{4}$	...	1 to 2	...	$1\frac{1}{2}$ to $2\frac{1}{2}$	...	$1\frac{1}{2}$ to 3.
Rs. each	8-0		10-8		17-8		20-0

## IMPROVED TUBE CUTTER AND WRENCH COMBINED.

The most perfect tool yet introduced.

To take	$\frac{1}{4}$ to 1	...	$1\frac{1}{4}$ to 2	...	$2\frac{1}{4}$ to $3\frac{1}{2}$ inch.
Rs. each	14-8		23-8		32-0



## CUTTER WHEELS.

Size 1, Re. 1-0 each.

Size 2, Re. 1-4 each.

Size 3, Re. 1-8 each.

Prices subject to fluctuation without notice.

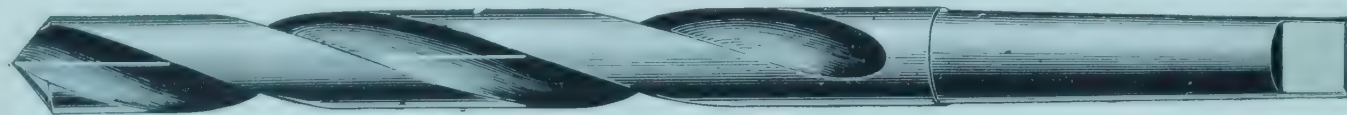


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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## STRAIGHT LIP TWIST DRILLS.



Drill, with Taper Shank to fit Sockets.

Size, in.	...	$\frac{1}{8}$	...	$\frac{3}{16}$	...	$\frac{1}{4}$	...	$\frac{5}{16}$	...	$\frac{3}{8}$	...	$\frac{7}{16}$	...	$\frac{1}{2}$	...	$\frac{5}{8}$	...	$\frac{3}{4}$	...	$\frac{7}{8}$	...	1	...	$1\frac{1}{8}$	...	$1\frac{1}{4}$	...	$1\frac{1}{2}$	...	$1\frac{3}{4}$	...	2
Price, Rs. each	...	0-12	...	0-14	...	1-6	...	1-8	...	1-12	...	2-0	...	2-6	...	3-4	...	4-8	...	6-0	...	7-12	...	9-4	...	11-8	...	16-0	...	24-0	...	30-0

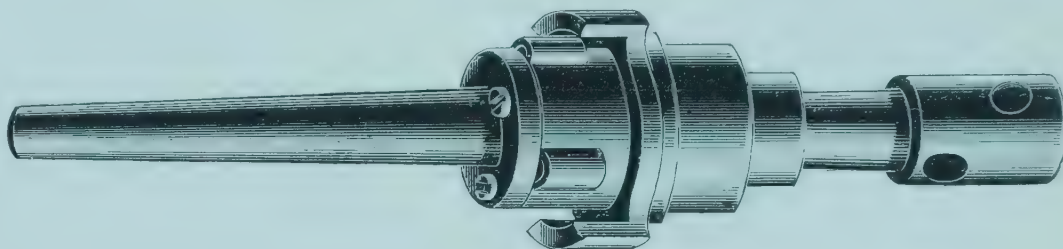
## TABLE OF TAPPING SIZES FOR DRILLS.

The following table shews the different sizes of Drills that should be used when a full thread is to be tapped in a hole. The sizes given are practically correct for Whitworth's Bolt Threads.

	W.G.										B.										F.												
Diam. of Bolt,	$\frac{1}{4}$	...	$\frac{3}{8}$	...	$\frac{1}{2}$	...	$\frac{5}{8}$	...	$\frac{3}{4}$	...	$\frac{7}{8}$	...	1	...	$1\frac{1}{8}$	...	$1\frac{1}{4}$	...	$1\frac{3}{8}$	...	$1\frac{1}{2}$	...	$1\frac{5}{8}$	...	$1\frac{3}{4}$	...	$1\frac{7}{8}$	...	2-in.				
Diam. of Drill,	3	...	$\frac{5}{16}$	...	$\frac{1}{2}$	...	$\frac{3}{4}$	...	$\frac{1}{2}$	...	$\frac{3}{4}$	...	$\frac{7}{8}$	...	$\frac{3}{4}$	...	$1\frac{1}{8}$	...	$1\frac{1}{4}$	...	$1\frac{3}{8}$	...	$1\frac{1}{2}$	...	$1\frac{5}{8}$	...	$1\frac{3}{4}$	...	$1\frac{7}{8}$	...	$1\frac{9}{16}$	...	$1\frac{5}{8}$ -in.

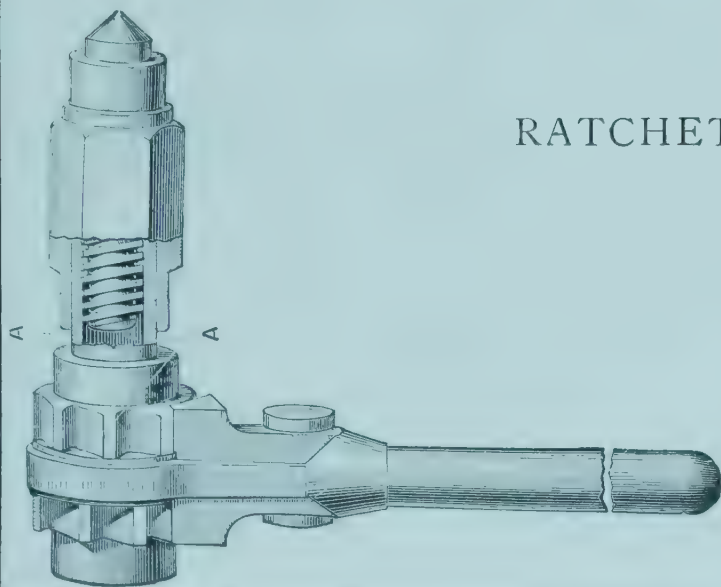
## DUDGEON'S PATTERNTUBE EXPANDERS,

With Spare Rollers and Lever to each.



Size	...	...	...	...	...	1	...	$1\frac{1}{4}$	...	$1\frac{1}{2}$	...	$1\frac{3}{4}$	...	2	...	$2\frac{1}{4}$	...	$2\frac{1}{2}$	...	$2\frac{3}{4}$	...	3	...	$3\frac{1}{4}$	...	$3\frac{1}{2}$	...	in.
Price, Rs. each...	...	...	...	...	...	12-0	...	12-0	...	12-0	...	14-0	...	16-0	...	18-0	...	20-0	...	24-0	...	27-8	...	40-0	...	50-0	...	

These dimensions refer to external diameter of Tubes.



## RATCHET BRACES (Nettlefolds).

Weston's Differential Ratchet Brace.

In.	...	10	...	12	...	14	...	16	...	18	...	20
Rs. each...	...	10-0	...	10-8	...	11-4	...	11-12	...	13-12	...	14-8

## RATCHET BRACES (Halls).

Improved Ratchet Brace, No. 012.

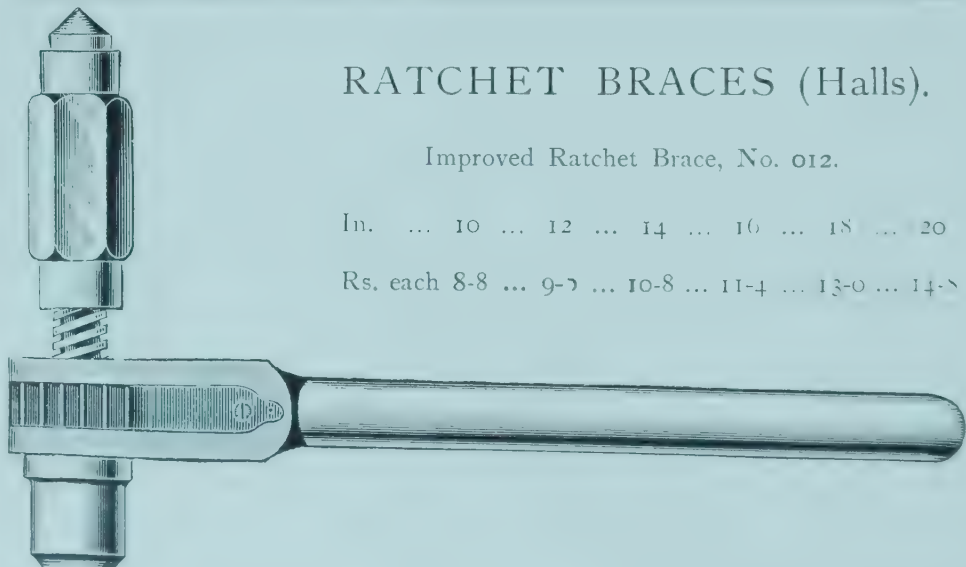
In.	...	10	...	12	...	14	...	16	...	18	...	20
Rs. each	...	8-8	...	9-7	...	10-8	...	11-4	...	13-0	...	14-8

Best quality Ratchet Brace Drills.

Sets of 7	...	$\frac{1}{4}$ to 1 in.	...	Rs. 5-4 set.
Sets of 11	...	$\frac{1}{4}$ to $1\frac{1}{2}$ in.	...	Rs. 8-4 set.

Crank Brace, 14-in., with screw, Rs. 8-12 each.

Drilling Pillars, Rs. 25-0 each.





# SOLID CAST STEEL ENGINEERS' HAMMERS.



22



8



9



23



11



70

Engineers' Hammers. Sizes 1 to 3 lbs. Price in quantity, Rs. 0-8-0 per lb.

Scaling Hammer. Stone Breaker. Sizes, 1½ to 3 lbs. Price, Rs. 24-8 cwt.

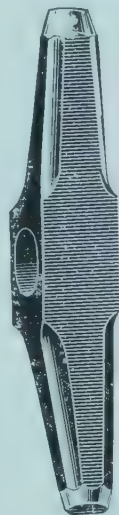
## SOLID CAST STEEL BOILER MAKERS, SPIKING HAMMERS.



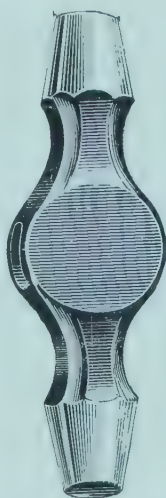
2



4



5



10



30



57



58

Boiler Makers' Hammers. Sizes, 2 to 3 lbs. Price in quantity Rs. 0-9-0 per lb.

Spiking Hammer. Keying Hammer. Price, As. 8-0 to 6-0 per lb.

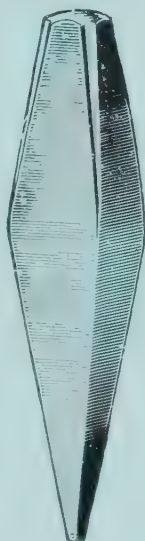
## SOLID STEEL MILL CHISEL AND STONE HAMMERS.



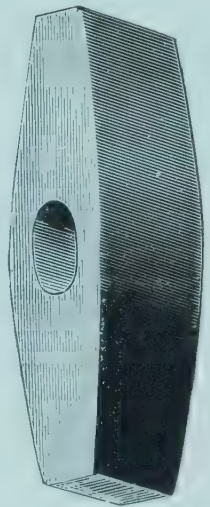
90. Mill Chisel.



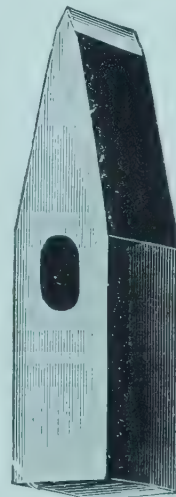
89. Mill Chisel.



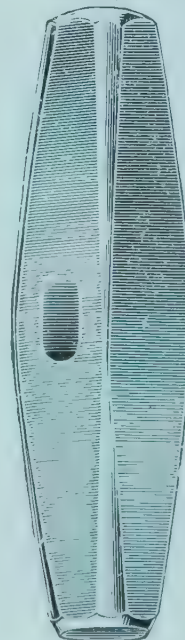
63. Colliers' Wedge.



18. Spalling Hammer.



60. Stone Hammer.



66. Stone Hammer.



65. Stone Hammer.

Prices on Application.

## SOLID CAST STEEL HAMMERS.



12. Sledge Hammer.



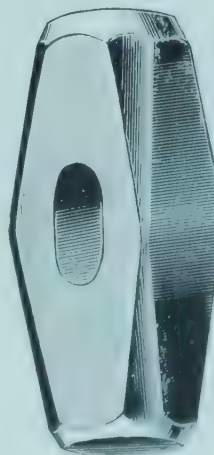
13. Sledge Hammer.



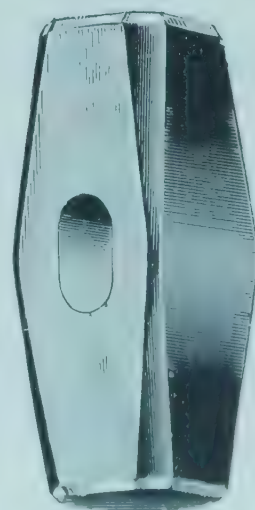
14. Sledge Hammer.



25. Sledge Hammer.



71. Miners' Hammer.



71A. Miners' Hammer.

Hand-forged Sledge No. 12 and straightened Sledge No. 25 are the best pattern.

Rs. 25-0 cwt.

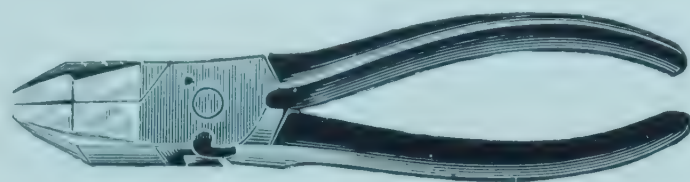


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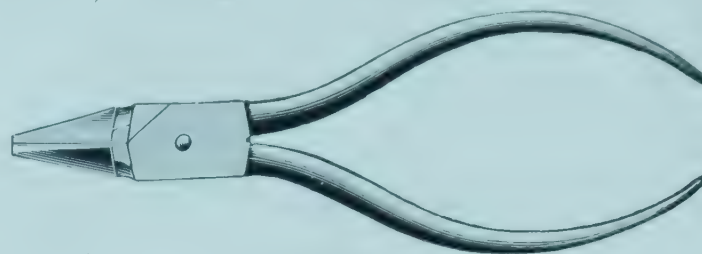
CALCUTTA.

PIPE TONGS, PLIERS, PINCERS, AND COMPASSES.



IMPROVED CUTTING BELL PLIERS.

5 6 7 8 inch.  
Rs. 1-8 ... 1-12 ... 2-8 ... 3-8 pair.



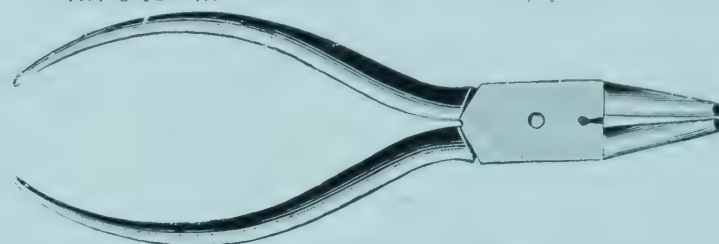
FLAT NOSE PLIERS.

4 5 5½ 6 inch.  
Rs. 0-12 ... 1-0 ... 1-0 ... 1-4 pair.



BEST TOWER PINCERS.

6 7 8 9 10 12 inch.  
Rs. 1-0 ... 1-0 ... 1-4 ... 1-8 ... 1-12 ... 2-12 pair.



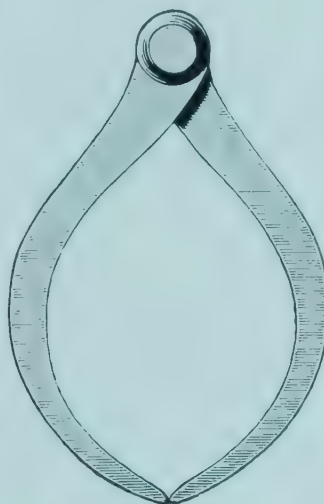
ROUND NOSE PLIERS.

4 5 5½ 6 inch.  
Rs. 0-12 ... 1-0 ... 1-0 ... 1-4 pair.



SPRING DIVIDERS.

5 6 7 8 inch.  
Rs. 1-14 2- 2-4 2-8 pair.



PLAIN CALLIPERS.

Up to 5 6 8 10 inch.  
Rs. 1-8 ... 1-8 ... 1-14 ... 2-4 pair.

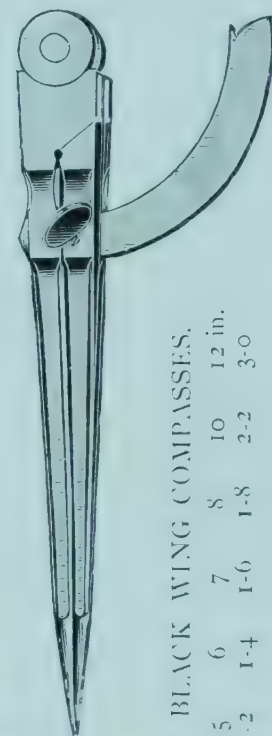


INSIDE CALLIPERS.



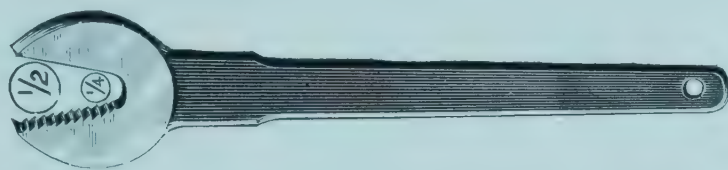
PLAIN BLACK COMPASSES.

5 6 8 10 12 inch.  
Rs. 0-12 ... 0-14 ... 1-4 ... 1-12 ... 2-4 pair.



BLACK WING COMPASSES.

5 6 7 8 10 12 in.  
1-2 1-4 1-6 1-8 2-2 3-0



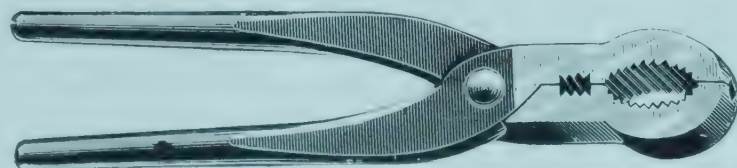
PATENT PIPE WRENCH.

No. 2 3 4  
½ to 1 1 to 1½ 1½ to 2 inch.  
Rs. 5-0 ... 7-0 ... 10-0 each.



GAS PIPE TONGS FOR IRON PIPE.

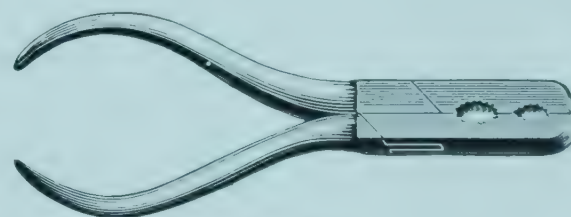
½ ¾ 1 1¼ 1½ 1¾ 2 2½ 3 4 inch.  
Rs. 1 14 2-4 2 12 3 8 4 0 4-8 5-0 7-0 9-0 15-0 each.



GAS PLIERS—2 HOLES.

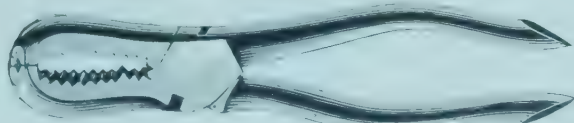
8 10 12 inch.  
Rs. 1-8 ... 2-0 ... 2-8 pair.

BURNER  
PLIERS,  
2 HOLES.

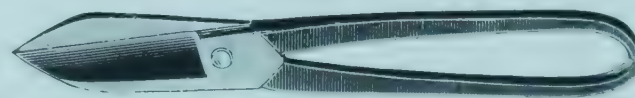


Rs. 1-4.

GAS  
PLIERS.



6 8 inch.  
Rs. 1 4 ... 1 8 pair.



TINMEN'S SNIPS.

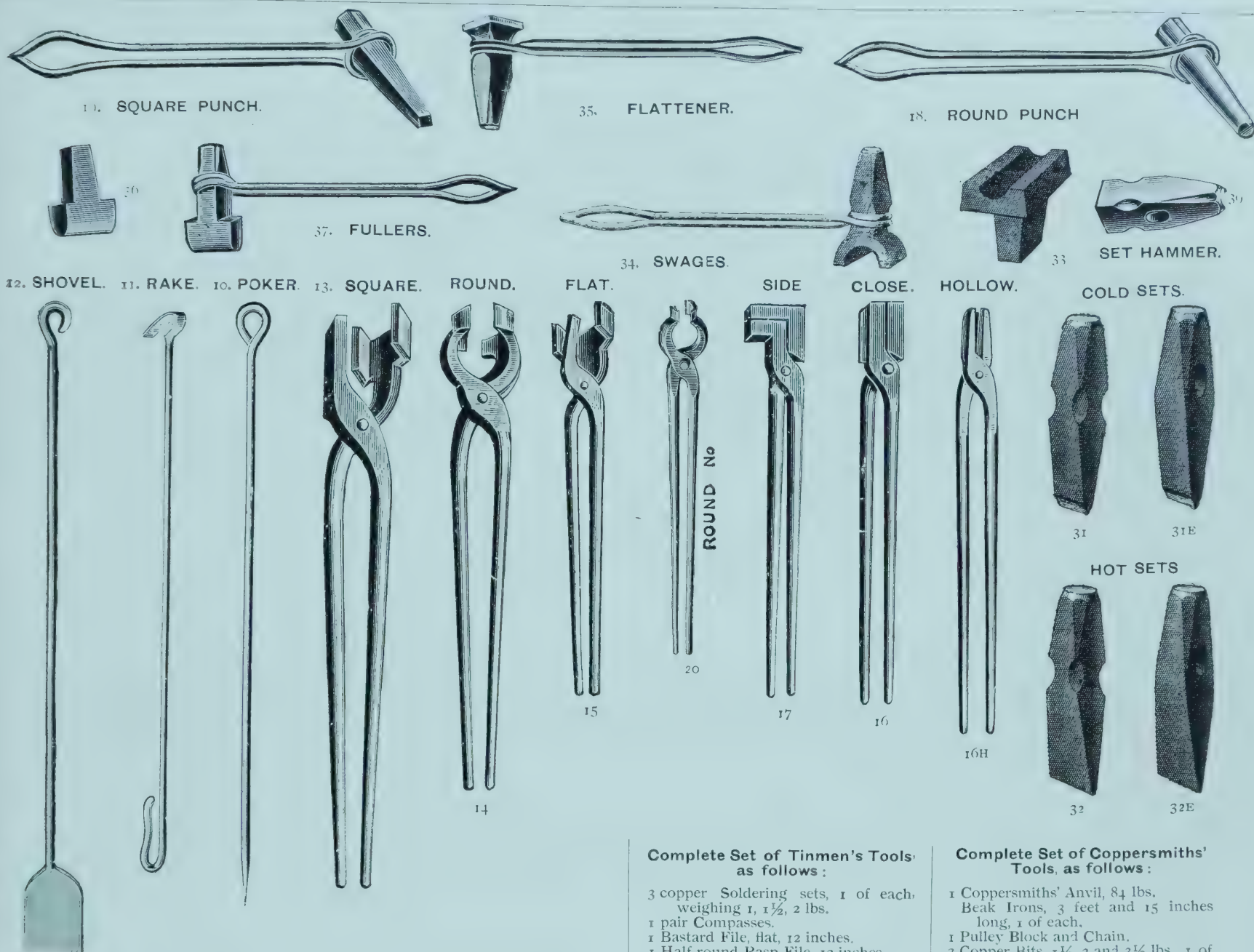
6 8 10 12 14 16 inch.  
Rs. 1-6 ... 1-8 ... 1-12 ... 2-6 ... 4-0 ... 5-8 pair.



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# CALCUTTA.



## Detailed List of a Set of Rivetters' Tools.

- 2 Hammers, rivetting, cast-steel ball pane, 3 lbs., with handles.
- 2 Hammers, rivetting, cast-steel, cross pane, 3 lbs., with handles.
- 2 Hammers, rivetting, cast-steel, double-ended, 3 lbs., with handles.
- 2 Hammers, hand, cast-steel, ball pane, 1½ lbs., with handles.
- 2 each, Hammers, flogging, cast-steel, 7 lbs. and 4 lbs., with handles.
- 2 Hammers, holding up, 18 to 20 lbs., with handles.
- 1 each, Snapping Tools, C.-S., for ⅝, ¾, 1-inch rivets with iron rods.
- 2 Side Sets, C.-S., with iron rods.
- 2 Cold " " " "
- 2 Hot " " " "
- 1 Dollie, cup-faced.
- 1 " flat-faced.
- 1 Rod Punch, C.-S., for 1-inch rivets.
- 1 Rod Punch, C.-S., for ⅝-inch rivets.
- 1 Rod Punch, C.-S., for ¾-inch rivets.
- 1 Rod Punch, C.-S., for ⅝-inch rivets.
- 1 each, Drifts, cast-steel, for ⅝, ¾, 1-inch and 1-inch hole.
- 1 Rimer, C.-S.
- 1 Wrench for Rimer.
- 1 Chisels, chipping, C.-S., flat, 1-inch.
- 1 Chisels, chipping, C.-S., ½-round.
- 1 Rivet Tongs, 15 inches and

Price on application.

## Detailed List of a Set of Blacksmiths' Tools.

- 2 Chisels, cold or chipping, C.-S., 1-in. flat.
- 2 Chisels, cold or chipping, C.-S., ¼-inch cross-cut.
- 1 Hammer, set, C.-S., flat, 2½-in. square.
- 1 Hammer, set, C.-S., flat, 2½-in., with edges rounded.
- 2 Hammers, sledge, W.-I., 14 lbs., with handles.
- 2 Hammers, sledge, C.-S., 7 lbs., with handles.
- 2 Hammers, sledge, C.-S., 5 lbs., with handles.
- 1 Hammer, smiths', hand, C.-S., 2½ lbs. ball pane, with handle.
- 1 Hammer, smiths', hand, C.-S., cross, with handle.
- 1 Set Punches and Bolsters, C.-S., one of each for ¼-in., ⅜-in., ½-in., ⅝-in., ¾-in., 1-in., 1½-in., 2-in.
- 3 sets cold, C.-S., with iron rods.
- 3 " hot " " "
- 1 square Steel, 24-in. by 12-in. figure.
- 1 set Swages, bottom, C.-S., with shank. Sets of one of each for ¼-in., ⅜-in., ½-in., ⅝-in., ¾-in., 1-in., 1½-in., 2-in. bars.
- 1 set Swages, top, C.-S., ¼-in. to 2-in. as above.
- 1 set Tongs, flat bit, set of one of each of ¼-in., ½-in., ¾-in., 1-in., 1½-in. and 2-in.
- 1 set Tongs, hollow bit, ¼-in. to 1½-in. as above.

Price on application.

## Complete Set of Tinmen's Tools as follows:

- 3 copper Soldering sets, 1 of each, weighing 1, 1½, 2 lbs.
- 1 pair Compasses.
- 1 Bastard File, flat, 12 inches.
- 1 Half-round Rasp File, 12 inches.
- 1 Block Hammer.
- 1 Bottom Hammer, 4½ lbs.
- 1 Creasing " "
- 1 Pane Hammer.
- 1 Flat Planishing Hammer.
- 1 Rivetting Hammer.
- 1 Flat Roughing Hammer, 2½ lbs.
- 1 Round " "
- 1 Stud Hammer.
- 1 Horse Iron.
- 3 Heads for Horse Irons.
- 1 Iron Beak 3 feet.
- 3 Mallets, wood, 1 of each, 2½, 3, and 3½ inches.
- 1 pair Cutting Pliers.
- 1 " Flat Nose "
- 1 " Round " "
- 1 Tower Pincer.
- 1 C.-I. Fire Pot.
- 12 Punches, hollow, ⅜, ½, ⅝, ¾, 1, 1½, 1¾, 2-inch, one of each.
- 1 Brass Foot Rule, 24 inches.
- 3 sets Grooving sets to fit Stakes.
- 3 Rivet Sets.
- 1 Block Set, 24 lbs.
- 1 pair Scotch Hand Shears.
- 1 " Bent Snip.
- 1 " Straight Snip.
- 1 Bottom Stake Iron.
- 1 Stake Extinguisher.
- 1 " Funnel, small.
- 1 " Grooving.
- 1 " Hatchet.
- 1 " Side, large.
- 1 " small.
- 1 Bench Vice, 36 lbs.

Price on application.

## Complete Set of Coppersmiths' Tools, as follows:

- 1 Coppersmiths' Anvil, 84 lbs.
- 1 Beak Irons, 3 feet and 15 inches long, 1 of each.
- 1 Pulley Block and Chain.
- 3 Copper Bits, 1½, 2 and 3½ lbs., 1 of each.
- 1 Brace, hand, with 8 drills.
- 2 Flat Cold Chisels, ¾, 1-inch.
- 2 Cross-cut Cold Chisels.
- 3 Bullet Hammers, 1 of each, 1, 2 and 3 lbs.
- 1 Ball-faced Chipping Hammer, 14 lbs.
- 1 Cross-pane Hammer, 14 lbs.
- 3 Planishing " 3 of each, weighing 1½ and 3 lbs.
- 2 square face Hammers, 1½ and 3 lbs. 1 of each.
- 2 Thinning Hammers, 2 and 3 lbs.
- 1 Horse Iron, weighing 40 lbs.
- 9 Heads for Horse Irons.
- 3 Mallets.
- 1 pair Cutting Pliers.
- 1 " Flat Nose "
- 1 " Round " "
- 12 Punches, hollow, 1 of each ½, ⅝, ¾, 1, 1½, 1¾, 2-inch, one of each.
- 1 Saw Frame, 12 inches.
- 9 Grooving Sets, 9 sizes, 1 of each.
- 6 Rivet Sets, 6 sizes, 1 of each.
- 1 pair Block Shears, 24 lbs.
- 1 " Bent Snip.
- 1 " Straight Snip.
- 1 Bullet Snip, 4½ inches face, about 40 lbs.
- 1 Bottom Stake, 6 inch face, about 60 lbs.
- 1 Grooving Stake, 12 lbs.
- 2 Hatchet " 7½ "
- 1 Pipe " 22 "
- 1 Side " about 50 lbs.
- 1 Bench Vice, about 60 lbs.
- 1 Hand " 6 inches long

Price on application



# Special Wholesale Price List of Files sold by W. LESLIE & CO., CALCUTTA.

We are Sole Agents for the Largest File Works in the World. Daily production over 75,000. Every defective File returned to us will be exchanged for a new one.



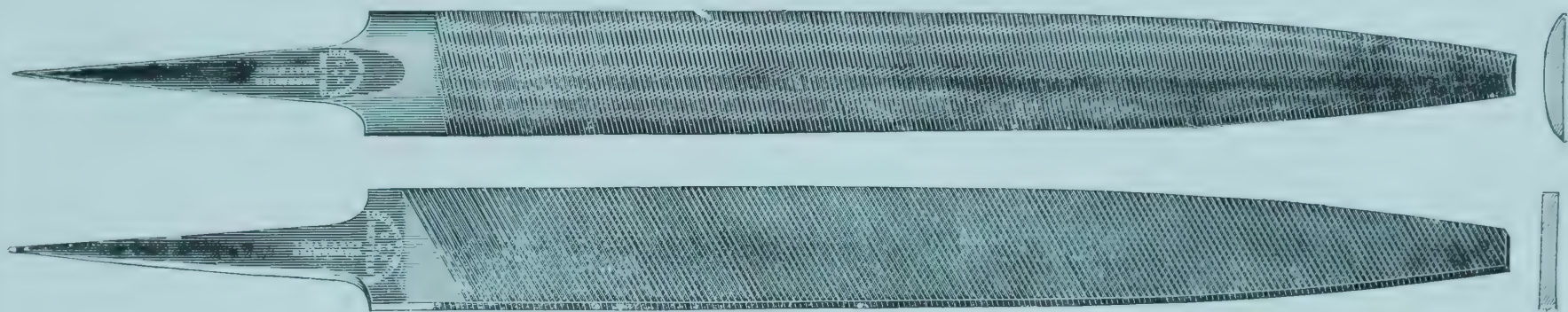


C+X

**FILES** WARRANTED.

BEST QUALITY

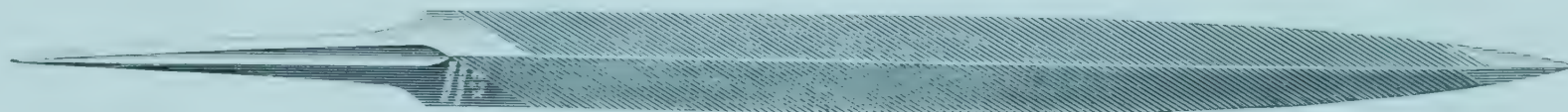
EDGE TOOLS, ALL KINDS, BEST TOOL STEEL, PLANTATION TOOLS. AND CUTLERY OF BEST QUALITY.



For Engineers, Fitters, Blacksmiths, Brass Founders, and Carpenters.

Length ... .. ins.	6	8	10	12	14	16	18
Flat, Half-round, Round, and Square Files. {							
Rough and Bastard Cut... Rs. per doz.	2-12	4-0	5-12	7-14	11-0	15-12	21-0
Second Cut ... ..	3-4	4-12	6-8	9-0	12-8	18-0	24-8
Smooth Cut ... ..	3-12	5-4	7-8	10-0	13-8	19-12	27-8
Hand Files, Three Square Files. {							
Rough and Bastard Cut ... .. Rs. per doz.	3-4	4-12	6-8	9-0	12-8	18-0	24-8
Second Cut ... ..	3-12	5-4	7-8	10-0	13-8	19-12	27-8
Smooth Cut ... ..	4-4	6-0	8-8	11-8	15-8	22-0	31-0
Diameter of Round and Square Files ... .. in.	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$

BEST WARRANTED SAW FILES, Extra Best Crucible Cast Steel.



Length ... .. ins.	3½	4	4½	5	6	7	8	9	10
Three-Square Taper Hand Saw ... Rs.	1-8	1-12	2-0	2-8	3-0	4-0	5-0	...	... per doz.
Half-Round Frame or Pit Saw ... ..	...	...	...	2-12	3-8	4-8	5-8	...	...
Topping ... ..	...	...	...	...	4-0	4-8	5-4	6-8	...
Gulleting ... ..	...	...	...	...	3-12	4-8	5-8	6-12	...
Mill Saw, one round edge ... ..	...	...	...	...	...	5-0	6-0	8-0	9-0



# LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

# CALCUTTA.

## Brass Drawer and Lifting Handles.

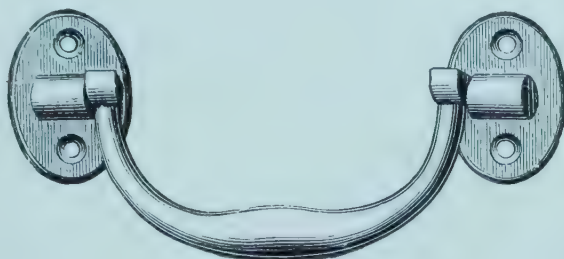
No. 8090.

Ins.	Rs.
3 ...	5-4 per doz.
3½ ...	7-8 "
4 ...	9-0 "

Stronger Suite, No. 5070.

Ins.	Rs.
3½ ...	9-0 per doz.
4 ...	13-8 "
4½ ...	18-0 "

No. 1133 ... As. 8 and 10 each, No. 1136 ... As. 12 and 1-0 each.



No. 5422.

Per dozen.

Ins.	Rs.
3 ...	7-8
3½ ...	10-0
4 ...	12-0
4½ ...	15-0

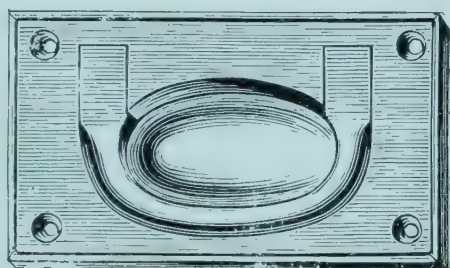
For Cash Boxes, 3-in., Rs. 9-0 per doz.

## Cast Brass Flush Handles.

No. 09157.

Per dozen.

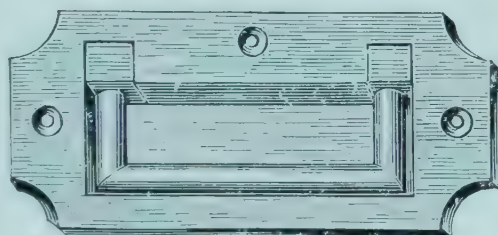
Ins.	Rs.
2½ ...	3-12
3 ...	4-8
3½ ...	6-0
4 ...	6-12



No. 09154.  
Stronger.

Per dozen.

Ins.	Rs.
3 ...	7-8
3½ ...	8-4
3¾ ...	10-8



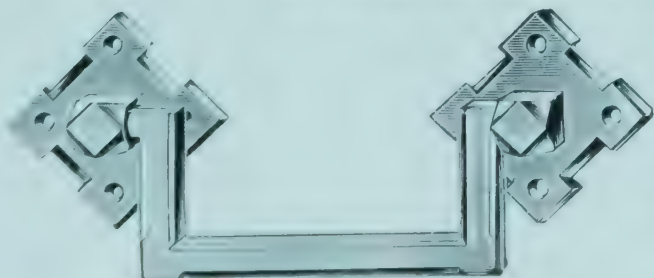
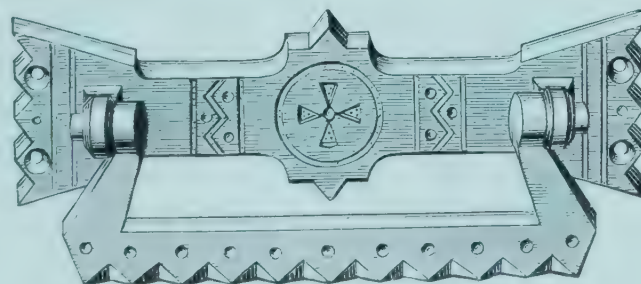
No. 3218.

Ins.	Rs.
3 ...	6-0 per doz.
3½ ...	7-8 "
4 ...	9-0 "
4½ ...	10-8 "

## Brass Cabinet Handles.

No. 5346.

Ins.	Rs.
2½ ...	1-4 each
3 ...	1-12 "
4 ...	2-4 "

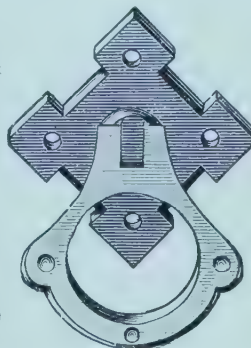


No. 5337.

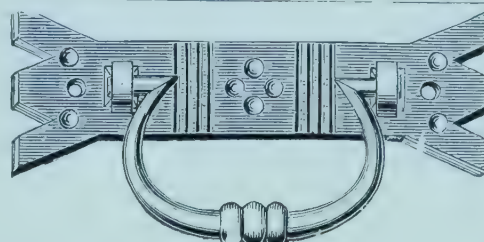
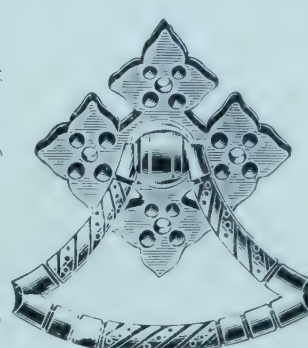
Ins.	Rs.
2½ ...	1-4 each
3 ...	1-8 "
3½ ...	1-12 "

## Brass Mediæval or Cabinet Handles.

No. 5649.  
Rs. 4-8 per doz.  
Rs. 6-0 "



No. 5673.  
Rs. 7-8 per doz.  
Rs. 9-0 "



No. 13923.

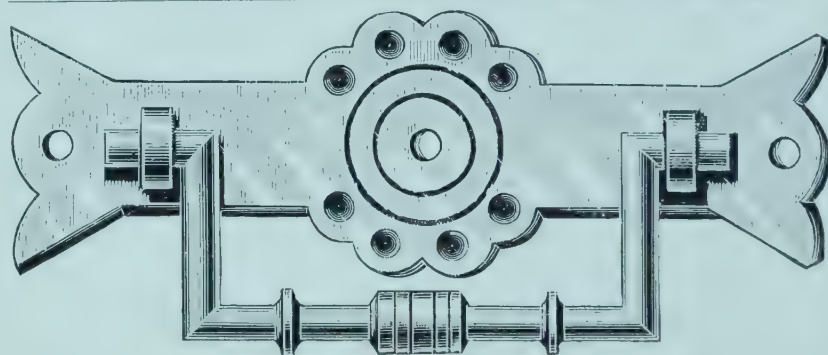
Ins.	Rs.
2 ...	6-0 per doz.
2½ ...	9-0 "

Hinge Front.  
1½ in. Rs. 3-12  
2 in. Rs. 4-8

Escutcheon.  
Rs. 3-0

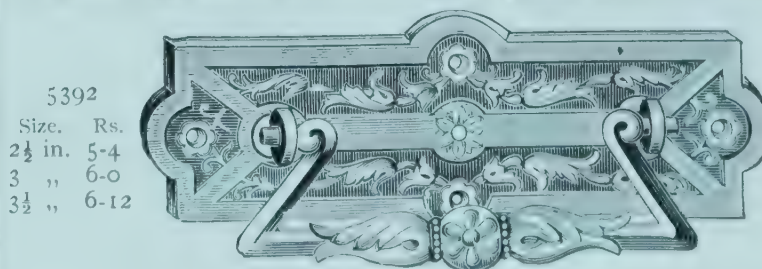
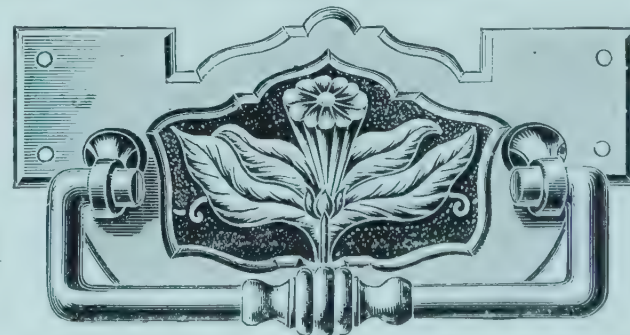
Pedestal.  
Rs. 7-8

Latch.  
On application.



Brass Mediæval Drawer Handles.	No.	Size.	Rs.
	5344	2 ins.	6-0 each.
	5345	3 "	7-8 "
	5346	3½ "	9-0 "

Brass Mediæval Handles.  
5892. 2½ in. Rs. 4-8 per doz.  
" 3 in. " 5-4 "  
" 3½ in. " 6-12 "



5392  
Size. Rs.  
2½ in. 5-4  
3 " 6-0  
3½ " 6-12

## Brass Mediæval Drop Handles.

No. 5311. Rs. 6-0. No. 5312. Rs. 7-8 per dozen.

Mediæval Cabinet Turns. Relieved Drawer Pulls.  
No. 5396. Rs. 12-0 per dozen. No. 5790 Rs. 10-8 per dozen.



W. LESLIE &amp; CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

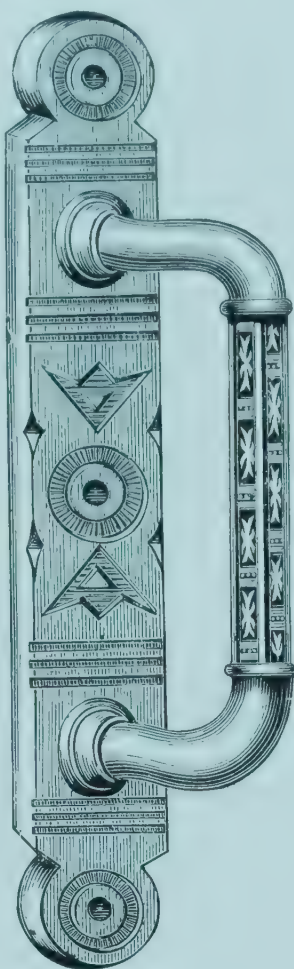
CALCUTTA.

## ORNAMENTAL DOOR HANDLES IN BRASS.



7049—Sash Handle.

5½ in. Rs. 6-0 6½ in. Rs. 8-4  
No. 3184 differing, Rs. 6-0 and  
7-8 Doz.



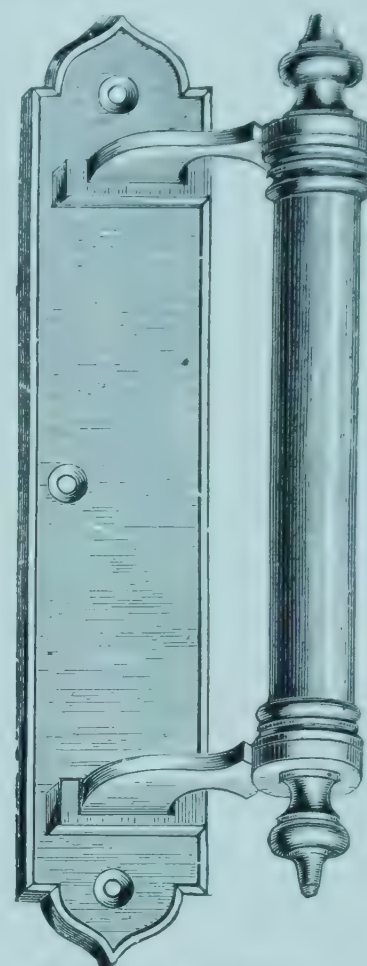
Door Handle.

3327—8 in. Rs. 6-0 pair.

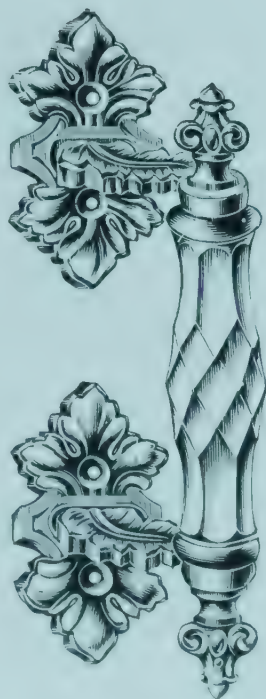


Door Handle.

7268—Brass Bar Rs. 9-8 pair.  
" China " " 10-8 "



6488—8 in. Rs. 6-8 pair  
10 " " 9-0 "



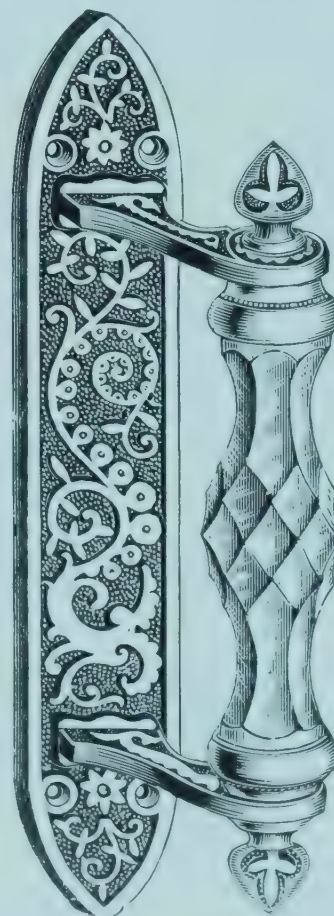
Door Handle.

7307—Crystal Bar, Rs. 12-8  
Amber Bar, " 15-0  
China " " 9-0



Door Handle.

8891—Crystal Bar Rs. 18-8  
Amber " " 20-0  
China " " 10-8



8889—9½ in. × 1½ in.  
Crystal Grip Rs. 14-8  
Amber " " 16-8  
China " " 10-8



6030.

Crystal Grip Rs. 40 0  
Amber " " 42-8  
Fluted China " 25-0

Other Patterns, No. 1022. No. 763. No. 4579 No. 5822½ No. 5793.  
Rs. 8-8 pair. 10-0 pair. 6-8 pair. 5-8 pair. 5-8 pair.



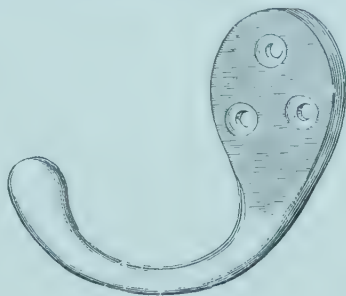
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
17, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## WARDROBE HOOKS.



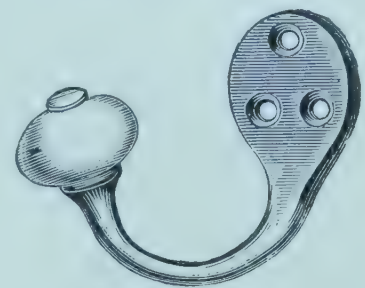
No. 3235, 2-in. ... Rs. per doz., 2-8

## WARDROBE HOOKS.



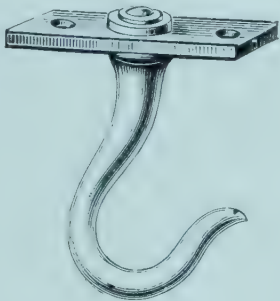
No. 10154, heavy ... Rs. per doz., 3-0

## WARDROBE HOOKS.



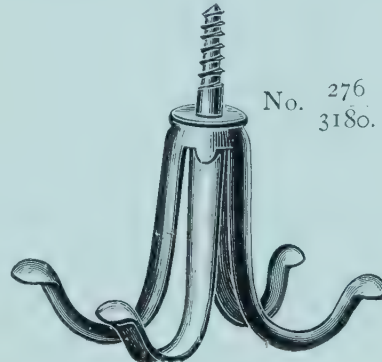
No. 3505, china knob ... Rs. per doz., 4-4

## WARDROBE HOOK TO HANG.



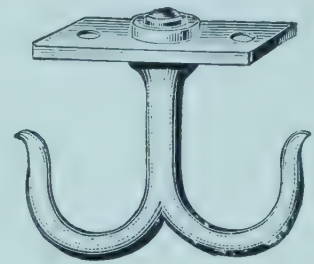
No. 3127, 2-in., to hang, Price, As. each, 0-8

## WARDROBE HOOK TO REVOLVE.



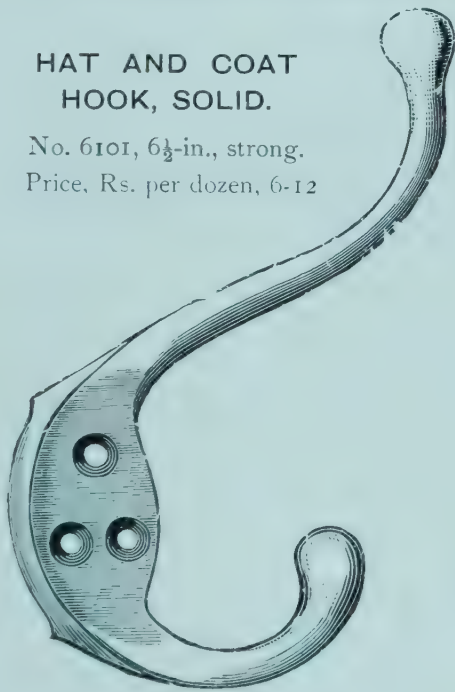
Revolving Hooks, Price, Re. each, 1-0

## WARDROBE HOOK, DOUBLE.

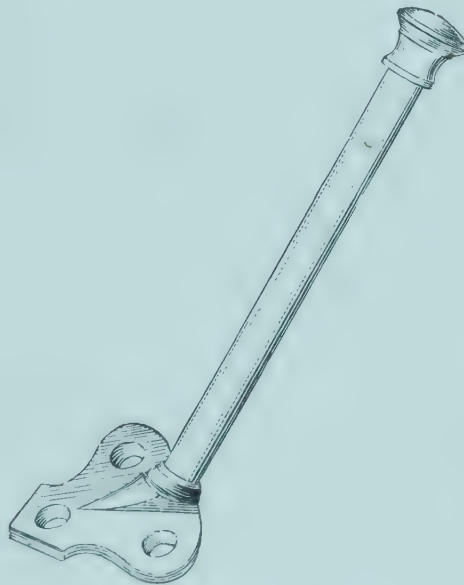


No. 3178, double ... Price, As. each, 0-10

## HAT AND COAT HOOK, SOLID.

No. 6101, 6½-in., strong.  
Price, Rs. per dozen, 6-12

## HAT PIN.

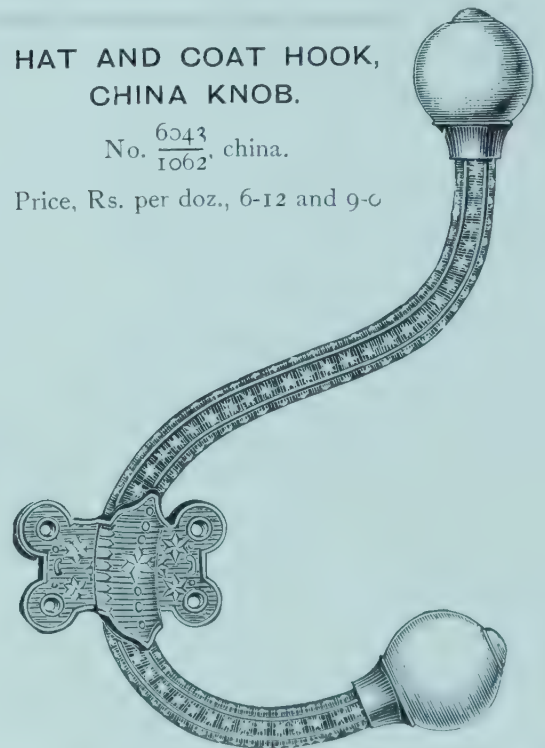


No. 5371, 4½-in. long, Price, Rs. per doz. 3-12

## HAT AND COAT HOOK, CHINA KNOB.

No. 6043/1062, china.

Price, Rs. per doz., 6-12 and 9-0



## REVOLVING YOKE OR WARDROBE ARMS FOR ALMIRAHs.



Revolving Yoke Hook. No. 202, drawn half size ... Price, Re. each, 1-14



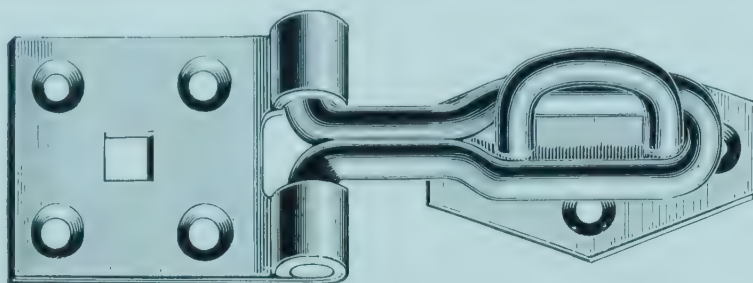
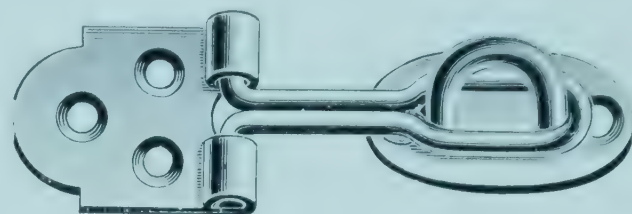
W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

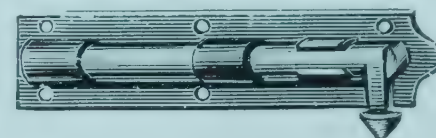
## Brass Hasps and Staples, as illustrated.

No. ...	124	...	...	...	125	...	...	...	126
Size, in. ...	2	...	...	...	2½	...	...	...	3
Rs. per doz. ...	2-8	...	...	...	3-12	...	...	...	5-4



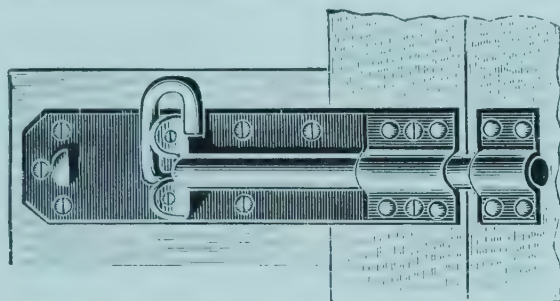
## Japanned Tower Bolts, as illustrated.

Size in. ...	...	4	...	6	...	8	...	10	...	12
Rs. per doz. ...	...	1-8	...	2-0	...	2-8	...	4-0	...	5-0



## Japanned Hasps and Staples, as illustrated.

No. ...	693	...	694	...	695	...	697
Size in. ...	3¼	...	4	...	5	...	6
Rs. per doz. ...	3-0	...	3-12	...	4-8	...	4-8



## "Brenton's" Patent Pad Bolts, as illustrated.

Size Bolt in. ...	6 ×	Plate 9 × 2½	6 Bolt Holes.	Rs. 1-4 each.
" " ...	10 ×	" 12 × 2½	" 6	" 1-12 "
" " ...	12 ×	" 15 × 2¼	" 6	" 2-4 "
" " ...	14 ×	" 18 × 2¼	" 6	" 2-12 "

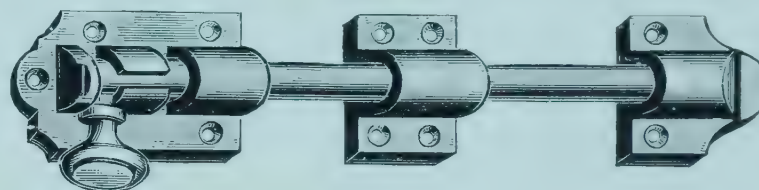
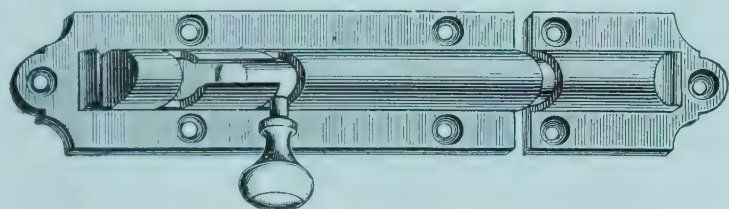
## Japanned Hasp or Padlock Bolts.

Size Bolt in. ...	12 × ¾	Hasp 4	Plate 13 × 2½	Re. 1-12 each.
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## Brass Skeleton Bolts, as illustrated. No. 4612.

With Brass Cased Iron Rods.

Size in. ...	9	12	15	18	24	30	36	48
Rs. per doz. ...	18-12	22-8	24-0	27-0	32-8	36-0	42-0	47-8

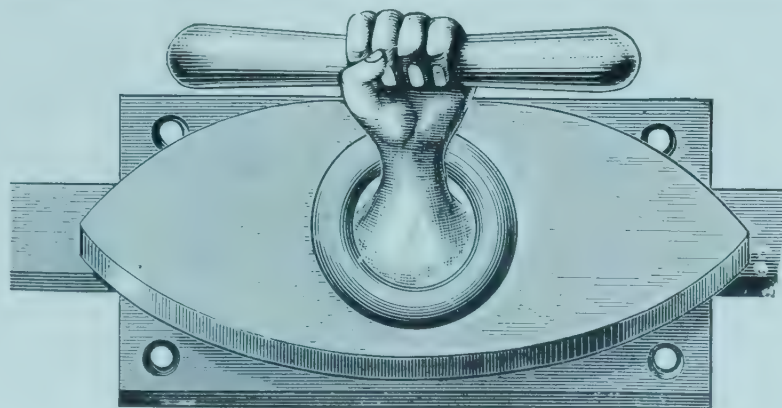


## Brass Barrel Bolts, as illustrated.

No. ...	4616	4616	4614	4614	4614	1099	1099
Size in. ...	4	6	8	9	10	12	15
Rs. per doz. ...	9-0	12-0	16-0	21-0	24-0	27-0	30-0
Indian made. Rs. ...	5-4	8-0	10-8	13-8	15-0		48-0

## Brass Flush Bolts, as illustrated.

No. ...	1075	1075	1075	1075	1073	1073	1073
Size in. ...	2 × ½	3 × ½	4 × ½	6 × ¾	8 × ¾	10 × ¾	12 × ¾
Rs. per doz. ...	1-10	2-4	3-0	5-0	8-4	9-12	12-8



## Brass Wrench or Venetian Shutter Bolt, for India, as illustrated.

Sent with Iron Shoots.

Size in. ...	12	...	24	...	30	...	36	...	48
Rs. per doz. ...	16	...	18	...	21	...	22-8	...	24

Terms Net Cash.

Novelties and Specialties in Builders and Cabinet Brass Foundry.

Terms Net Cash.



# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

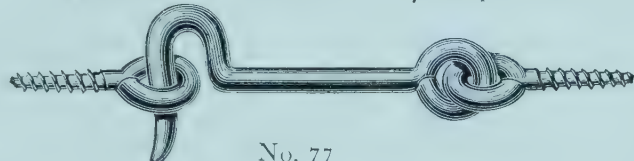
# CALCUTTA.

Brass Hooks and Eyes—per dozen.

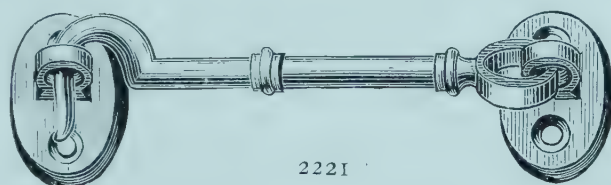


In.	...	1	...	1½	...	1¾	...	2
As.	...	0-12	Rs.	1-0	...	1-4	...	1-8

Brass Cabin Hooks and Eyes—per dozen.



In.	...	2	...	3	...	4	...	5	...	6
Rs.	...	1-8	...	3-0	...	4-8	...	7-8	...	9-0



In.	...	3	...	3½	...	4	...	6	...	8	...	10
Re.	...	0-7	...	0-9	...	0-10	...	0-14	...	1-4	...	1-12 each

Double Link Jack Chain.  
per dozen yards.

Chandelier Chain.  
per dozen yards.



No. Iron. Brass.

12 1-12 6-0

14 1-4 4-12

16 1-0 3-4

per. dozen yards.



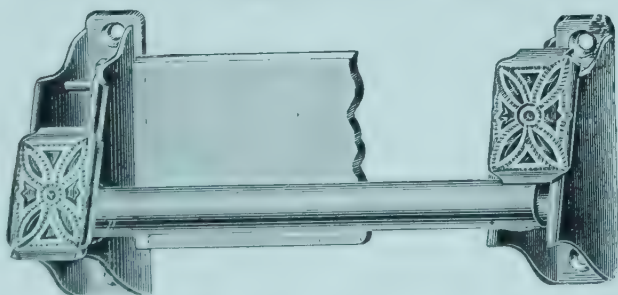
No. 12  
4-8

Smaller.  
No. 10  
4-0

Larger.  
No. 14  
5-4

per. dozen yards.

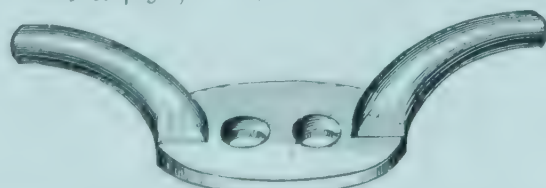
Mole's Patent "Universal" Curtain Rod and Band  
Brackets.—per dozen pairs.



A2819  
For Rods  
½ in.  
Rs. 4-8  
doz.

Polished Cased Rods, ½-in. in 10-in. lengths. As. 0-4 per foot.

Brass Cleat or Blind Cord Hook.  
No. 4230; Price, As. 0-6 and 0-8 each.



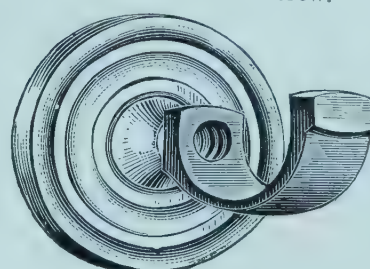
Lacquered-Cased Brass Tube for Picture Rods—  
In length of 10 ft.



In.	...	½	...	¾	...	1	...	1¼	...	1½	...	2
Rs.	...	0-4	...	0-6	...	0-8	...	0-14	...	1-4	...	1-8

Cut Lengths charged extra.

Rod Brackets.  
With Plate to Unscrew.



In.	...	¾	...	1	...	1¼
Rs.	...	3-12	...	4-8	...	7-8 doz.

Picture Rod Ends.



In.	...	¾	...	1
Rs.	...	3-12	...	4-8 doz.

Rod Hooks.



In.	Rs.
¾	1-8
1	2-4
1¼	3-0
per dozen.	

Rod Hooks.



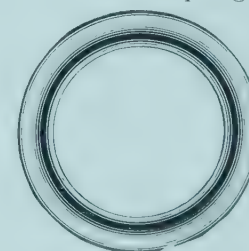
In.	Rs.
¾	2-4
1	3-0
1¼	6-0
1½	7-8
per dozen.	

Wall Hooks, with Pins.  
No. A1351.



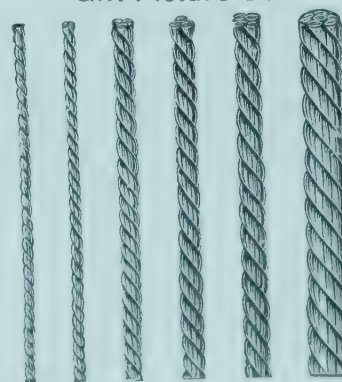
As. 12 per dozen.

Brass Cornice Rings.  
per gross.



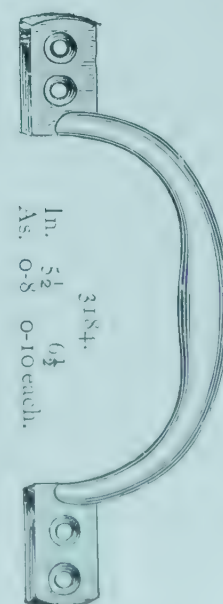
In.	Rs.
1¼	0-10
1½	0-10
2	1-0
2½	1-4
3	1-8

Gilt Picture Cord.



No.	1	2	3	4	5	6
Rs.	1-12	2-12	5-8	9-0	18-0	30-0

Per 50 feet roll.



Brass Sash Handles.

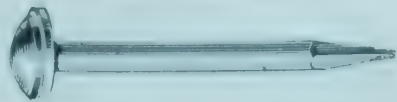
Brass Sash Lifts, 7435, 2½ in.; Price, Rs. 3-12 doz. Peacock's Blind Cord, 72 yards in box; Price, Rs. 3-0.  
Matthew's Blind Furniture, 1523; Price, Rs. 1-4 set.

Hatton's Blind Roller Ends, 4160, 1½ in.; Price, Rs. 2-8 set.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-0, CHOWRINGHEE ROAD, } CALCUTTA.

Brass Head Nails.



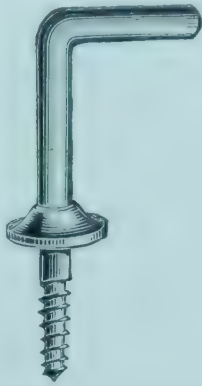
in.  $1\frac{1}{2}$   $1\frac{3}{4}$  2  $2\frac{1}{2}$  3  
As. 0-3 0-4 0-4 0-6 0-8 doz.

Drugget Pins &amp; Drawing Pins.



As. 0-4 per doz.  
Escutcheon Pins, As. 0-12 lb.  
Japanned Gimp „ „ 0-8 lb.

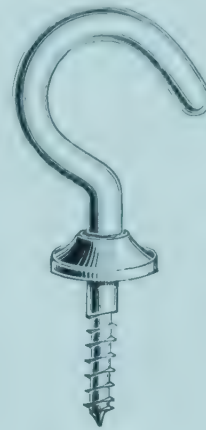
Machine-Made Brass Wire Screw Hooks.—per doz.



No. 1,230.  
in.  $\frac{3}{4}$  1  $1\frac{1}{4}$   $1\frac{1}{2}$   
Re. 0-6 0-8 0-12 1-0

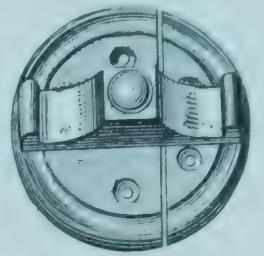


No. 1,231.  
in.  $\frac{3}{4}$  1  $1\frac{1}{4}$   $1\frac{1}{2}$   
Re. 0-6 0-8 0-12 1-0



No. 1,232.  
in.  $\frac{3}{4}$  1  $1\frac{1}{4}$   $1\frac{1}{2}$   
Re. 0-6 0-8 0-12 1-0

Brass Buttons on Plates.



No. 5,149.  
in.  $1\frac{1}{2}$   $1\frac{3}{4}$  2  
Rs. 2-10 3-0 3-8 doz.

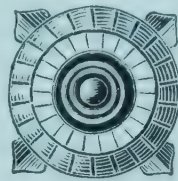
Brass Fancy Chair Nails, as illustrated.



No. 1,292.  $\frac{3}{4}$ -in.  
Rs. 3-0 per gross.



No. 1,405.  $1\frac{3}{4}$ -in.  
Rs. 3-0 per gross.



No. 1,195.  $\frac{3}{4}$ -in.  
Rs. 3-0 per gross.

Brass Chair Nails.

No. 06 08 010  
As. 0-4 0-5 0-6 per 100

Polished Plate Escutcheons.—per doz.

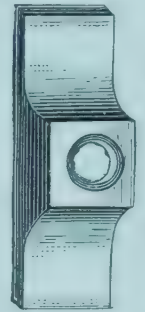


Cast.  
No. 10,365.  
in. 1  $1\frac{1}{4}$   $1\frac{1}{2}$   
Re. 0-8 0-12 1-0



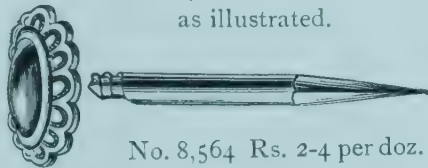
No. 10,180.  
in.  $1\frac{1}{2}$  2  $2\frac{1}{2}$   
Rs. 1-8 2-4 3-0

Brass Buttons.



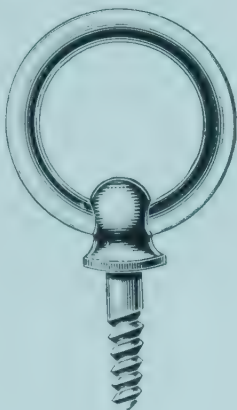
No. 4855.  
in. Rs.  
doz.  
 $1\frac{1}{4}$  0-10  
 $1\frac{1}{2}$  0-12  
 $1\frac{3}{4}$  1-0  
2 1-4  
 $2\frac{1}{4}$  2-0

Fancy Picture Nails, as illustrated.



No. 8,564 Rs. 2-4 per doz.

Screw Picture Rings, as illustrated.

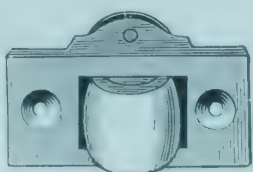


Nos. 905 906 907 908 910  
Re. 0-8 0-12 1-0 1-4 1-8 per doz.

Plate Picture Rings.

Nos. 103 106 107  
Re. 1-0 1-4 1-8 per doz.

Sash Roller.



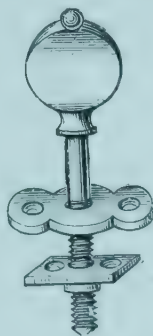
No. 1,052. Brass Sash Rollers.  
Size, in.  $1\frac{3}{4} \times \frac{3}{4}$   $2 \times \frac{7}{8}$   
Rs. 2-4 2-8 doz.

Sash Knobs.



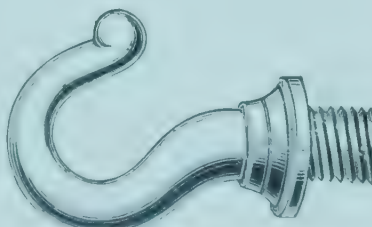
No. 160.  
in.  $\frac{1}{2}$   $\frac{3}{4}$  1  
Re. 0-6 0-12 1-8 doz.

Sash or Glass Screws.



Re. 1-0 each.

Brass Lamp Screw.



No. 2,426. As. 0-6 each.

Lamp Feeder and Burner Screws.

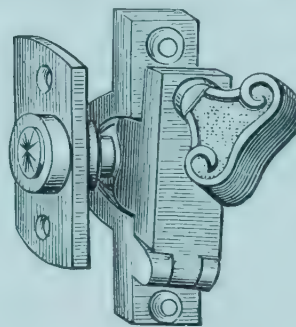


No. 1,067  
in. Rs.  
1 1-4  
 $1\frac{1}{4}$  1-12  
 $1\frac{1}{2}$  2-4



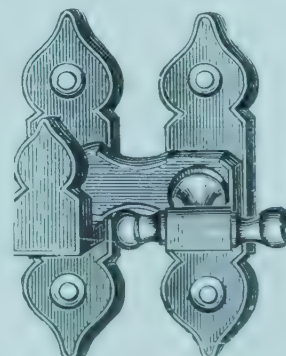
No. 1,084  
in. Rs.  
 $\frac{3}{4}$  1-2  
1 1-8  
 $1\frac{1}{4}$  2-0  
 $1\frac{1}{2}$  2-4

Glass Movements.



Nos. 2,431 2,432 2,433  
Rs. 1-0 1-8 2-0 pair

Brass Casement Fasteners, as illustrated.



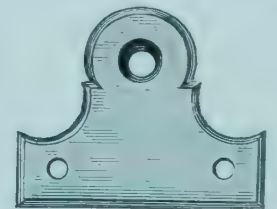
No. A. 1421. As. 0-6 each.  
No. 096, differing. As. 0-12.

Brass S Hooks.



No. 8,191  
Wire.  
in. As. -  
1 0-4 doz.  
 $1\frac{1}{4}$  0-8  
 $1\frac{1}{2}$  0-12

Brass Mirror Plates.



No. 1831.  $1\frac{1}{2}$ -in. Re. 1-0 doz.

Gilt Picture Cord or Wire

No. 1 No. 2 No. 3  
Rs. 1-12 2-12 5-8 per bundle.

Escutcheon.



Size,  $2\frac{1}{8}$ -in.  $\times$  1-in.  
Rs. 3-0 per doz.



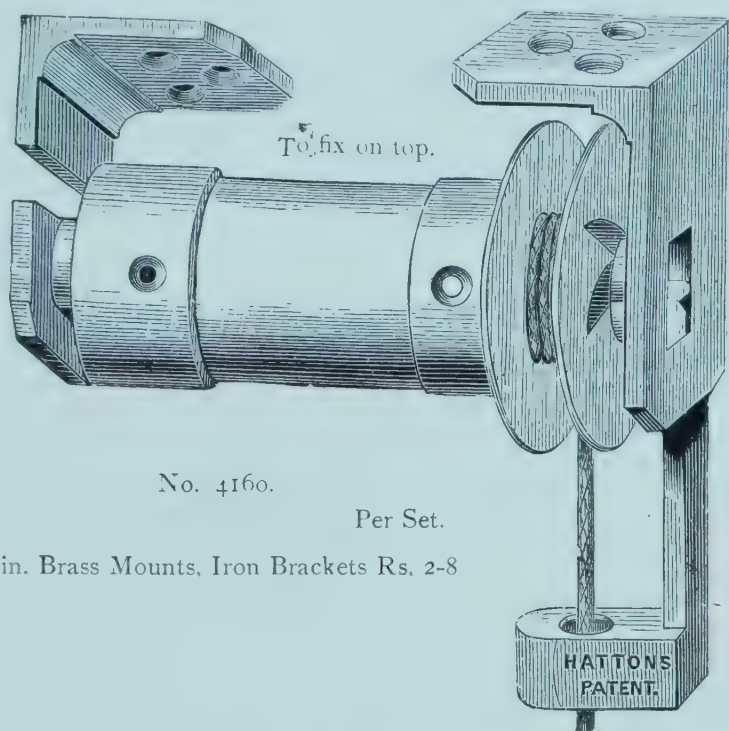
# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD.

# CALCUTTA.

## Hatton's Tubular Clip and Lever Blind Furniture.

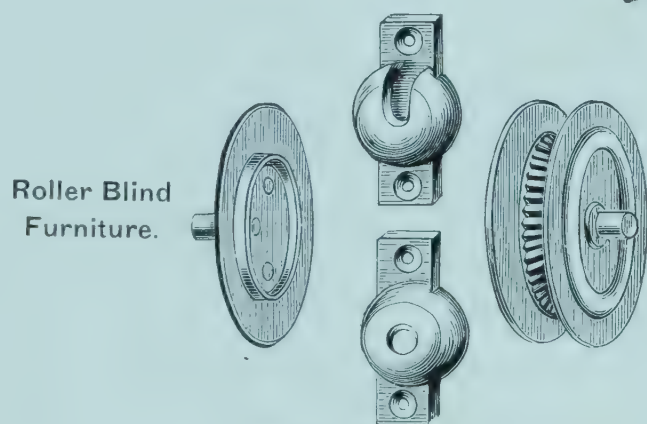
There are no Springs or Ratchet Wheels to break or get out of order.



No. 4160.

Per Set.

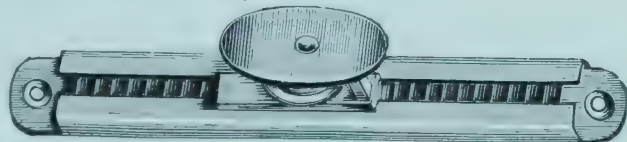
1½-in. Brass Mounts, Iron Brackets Rs. 2-8



Roller Blind Furniture.

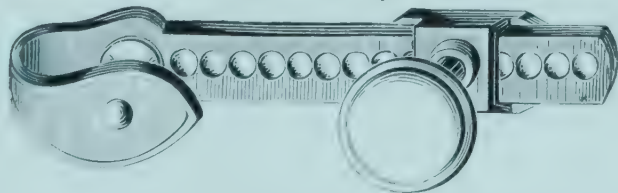
No. 4136, at Rs. 8-0 per set.

## Rack Pulley for Blinds.



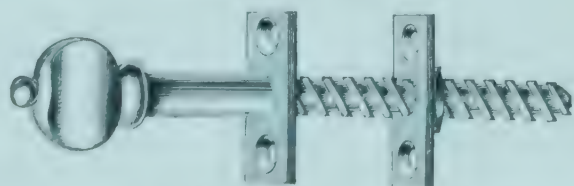
No. 4472. Price As. 8 each.

## Rack Pulley.



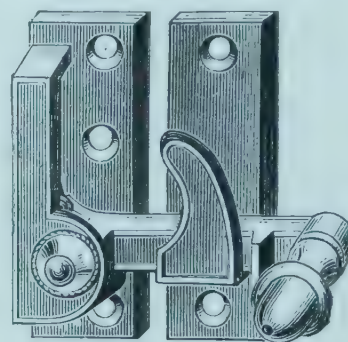
No. 10116, China Knob. Price As. 8 each.

## Brass Sash Screw.



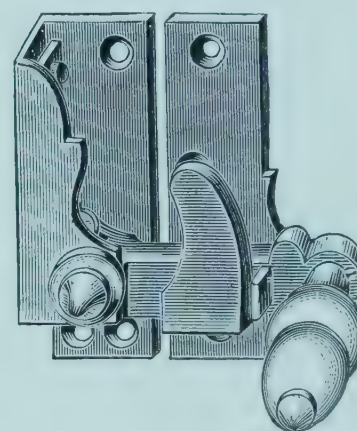
No. 2519. 2½-in. x 10. Price As. 8 each.

## Brass Sash Fasteners.



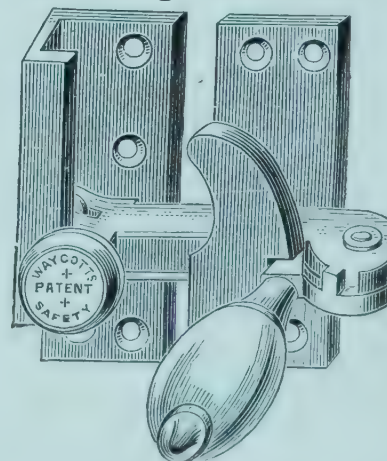
No. 7232. 2½-in. As. 8 each.

## Brass Sash Fasteners.



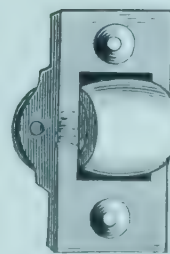
No. 1335, China Knob, As. 12 each.

## Waycott's Safety Self-locking Sash Fastener.



No. 8463. 2¼-in., China, Rs. 1-4 ea.

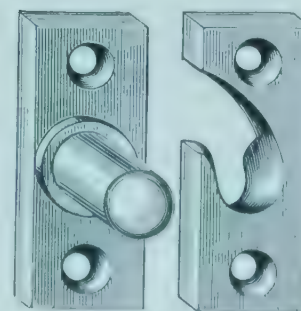
## Sash Rollers.



No. 920.

1¾-in. x ¾-in.  
Rs. 2-4 doz.  
2-in. x ¾-in.  
Rs. 2-8 doz.  
2½-in. x 1-in.  
Rs. 3-0 doz.

## Sash Centres.



No. 11366.  
Rs. 3-0 per doz

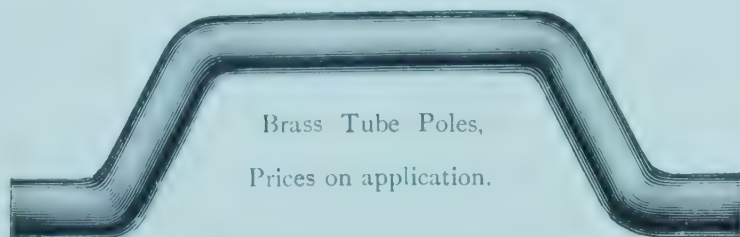


W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

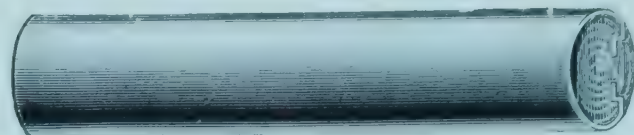
CALCUTTA.

## Polished and Lacquered Brass Cornice Poles.



Brass Tube Poles,  
Prices on application.

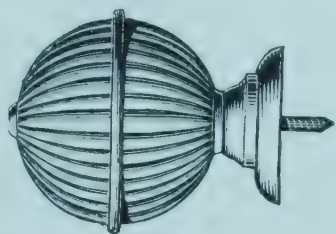
Poles complete with Rings, Brackets, and Ends 6 feet long. ... ..



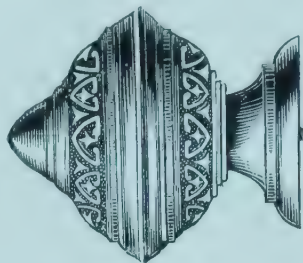
$\frac{3}{4}$  Covered Brass Cased Cornice Pole.

In.	1 $\frac{1}{2}$	...	2
Prices Rs.	9-8	...	12-0 complete

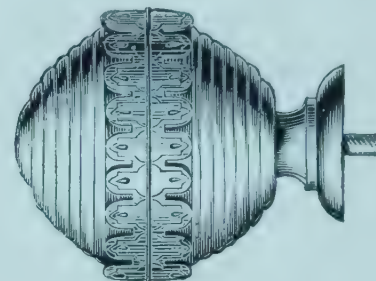
## Cornice Pole Ends.



A807  
Price Rs. 2-8

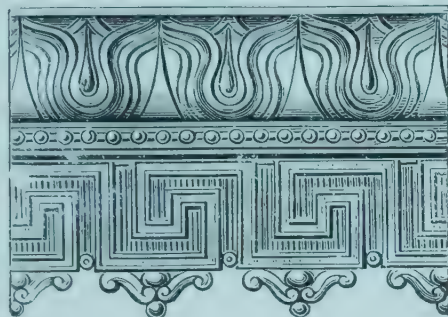


A804.  
Price, Rs. 2-12



A819.  
Price, Rs. 3-0 pair

## Brass Cornice Metal.



A842. 7 $\frac{1}{2}$ -in. ... Rs. 1-8 per ft.



A833. 8-in. ... Rs. 2-4 per ft.

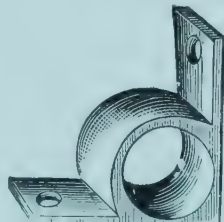


A837. 9-in. ... Rs. 2-8 per ft.



Stair  
Rod  
Eyes.

770.



2490.

1-in. ... As. 0-10 per doz.  
1 $\frac{1}{2}$ -in. ... " 0-12 "  
2-in. ... " 0-14 "

1 $\frac{1}{2}$ -in. ... Rs. 1-4 per doz.  
2-in. ... " 1-12 "



Stair Rods size, 33, 36, 42-in. ... .. Rs. 3-0, 4-0, 5-0 per doz.

## Curtain Bands.



A889.

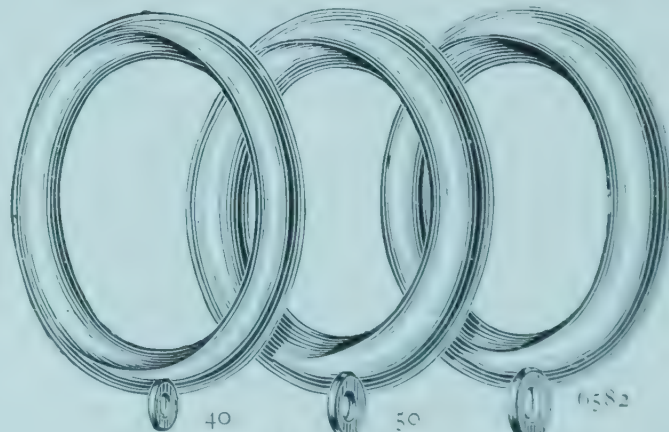
Rs. ... .. 2-4



Brass  
Curtain Chains.

A1432	A3039	A3030
In. 26	28	29
Rs. 2-4	2-8	2-12

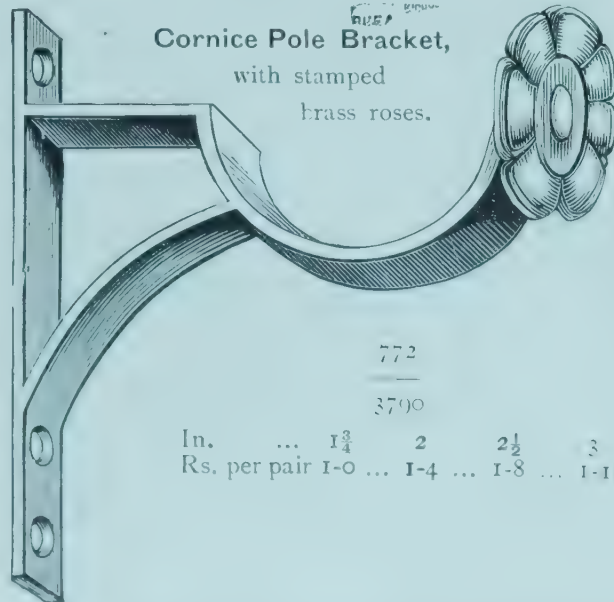
## Brass Cornice Pole Rings.



Brass Wire Rings.  
Size. 1 $\frac{1}{2}$ -in. 0-6 per doz.  
1-in. 0-5  
1 $\frac{1}{4}$ -in. 0-6

In. ...	1 $\frac{1}{4}$ ...	1 $\frac{1}{2}$ ...	2 ...	2 $\frac{1}{2}$ ...	3 ...
Rs. per doz. 0-10...	0-12 ...	1-0 ...	1-4 ...	1-8 ...	1-8

Cornice Pole Bracket,  
with stamped  
brass roses.



772  
3790

In. ...	1 $\frac{3}{4}$ ...	2 ...	2 $\frac{1}{2}$ ...	3 ...
Rs. per pair 1-0 ...	1-4 ...	1-8 ...	1-12 ...	1-12



# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

# CALCUTTA.

## CAUTION.

Merchants, Builders, Architects, and others are requested to see that the Trade Mark is on each Spring, as the Patentees are informed that spurious imitations of the "CLIMAX SPRING HINGES" are being sold, and which have neither the POWER or DURABILITY of

**Cartland's Helical Climax** <sup>(1885)</sup><sub>(1856)</sub> **Door Springs and Hinges,**  
As manufactured by the original patentees.



**Double-action Spring Hinges—per pair.**  
One Blank and One Spring Hinge.

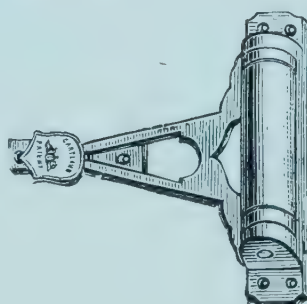
	3-in. 1-in. to 1 1/8-in. Doors.	3 1/2-in. 1 1/8-in. to 1 3/4-in. Doors.	4-in. 1 3/4-in. to 1 7/8-in. Doors.	4 1/2-in. 1 7/8-in. to 2-in. Doors.	5-in. 2-in. Doors.	6-in. 2 1/4-in. Doors.
5753 All Iron, Rs.	3-10	4-8	5-6	6-4	7-0	8-8
5753 Spring Hinges	2-8	3-8	3-12	4-8	5-4	6-8
5753 Blank "	1-4	1-4	1-14	2-4	2-4	2-8

## Helical Door Springs.

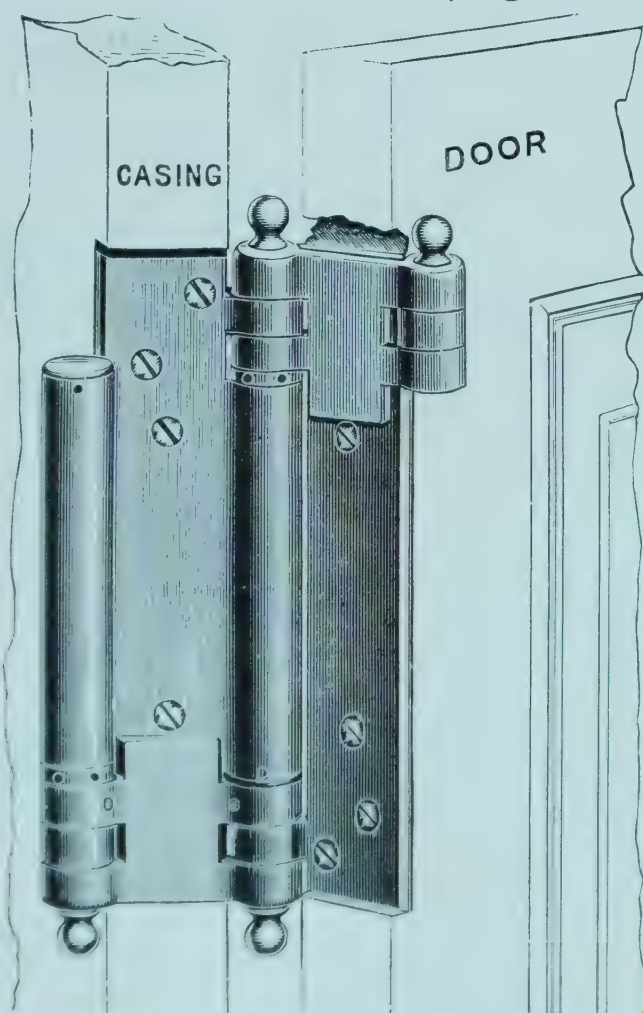
In. ... 4 ... 6  
5355 Iron Roller Spring, Rs. 1-12 ... 2-8 each.

## Helical Rod Springs.

In. ... 14 ... 18  
Iron Rod Springs, Re. ... 1-8 ... 1-12 each.



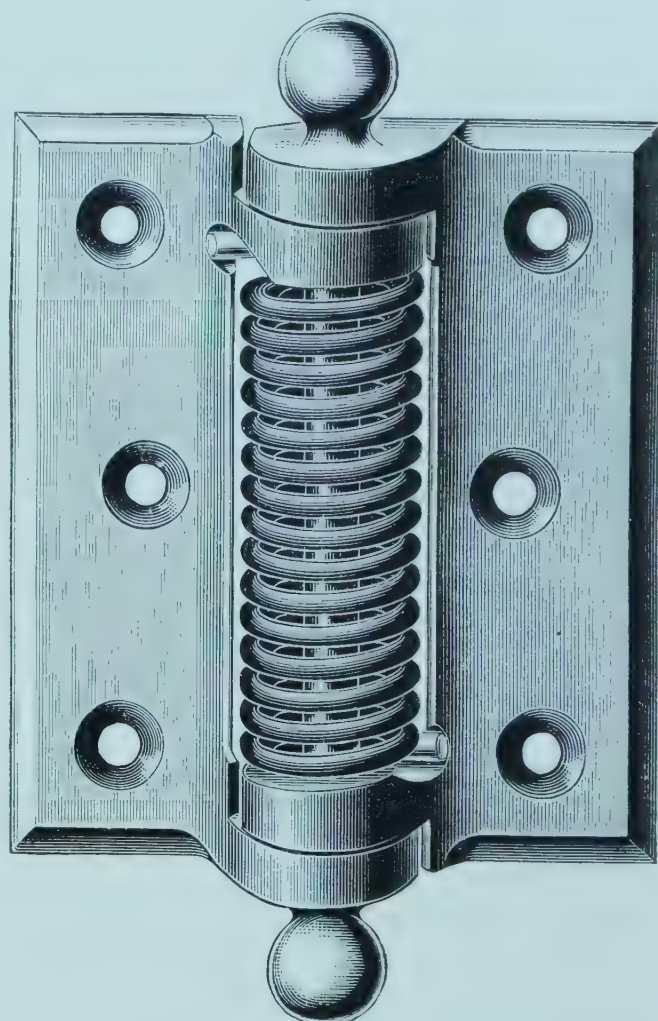
## American Bronzed Door Spring.



No. 295. 3-in. Japanned Door Springs, as illustrated with stop; a useful Spring Hinge for keeping doors closed, single action only. Price, Re. 1-4 pair.

No. 177. 3-in. Bronzed Door Springs, as illustrated; a useful spring door spring, will close a full-sized door, single action only. Price, Rs. 3-12 pair.

## Double-action Door Spring. The "Vigilant" Hinge.

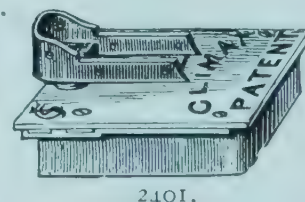


The "Vigilant" Double-action Spring Hinge, as illustrated, with key to relieve tension while the hinge is being worked, and also to regulate strength of spring to suit size of door,

No. 4120. 6-in., suitable for door 6-ft. x 3 ft. x 1-in., price Rs. 8-8 per pair,  
" 4121. 8-in., " " 7-ft. 4-ft. x 1 1/2-in. " 9-8 "  
" 4122. 9-in., " " 8-ft. 5-ft. x 1 3/4-in. " 12-8 "

## Double-action Climax Floor Springs—each.

	Size of Plate.	With Iron Straps.
2400 For very Light Doors	7 1/4 x 4 1/2	Rs. 9-4
02400 For Light "	8 x 4 1/2	12-8
2401 For Medium "	9 x 4 3/4	16-0
2402 For Heavy "	10 1/2 x 6	25-0



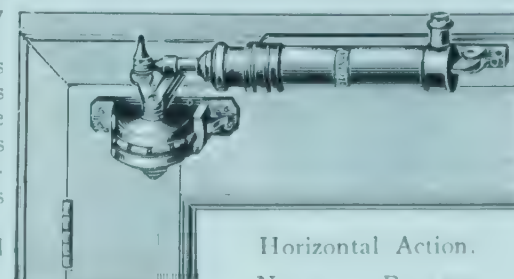
Patent Indian Rubber Door Springs, the "Excelsior," price Re. 1-4 each.  
Weston's Patent Wire Door Springs, 3-ft. long, complete Re. 1-0 each,  
Japanned Door Springs, 14-in. arm, Re. 1-8 each.

## The "Defiance" Patent Hydraulic Door Spring and Check. (MACKIE'S PATENT).

These Doors Checks are specially suitable for inner doors: they close the door without noise, prevent slamming or being blown open by the wind, and the pressure can be regulated to suit any force required.

The pressure decreases as the door is opened and increases as it closes, thus preventing the door being blown open. Doors cannot slam, as there is a perfect check when the door is opened only six inches.

They are easily fixed and regulated.



Horizontal Action.  
No. 901. Rs. 42-0



Terms Cash.



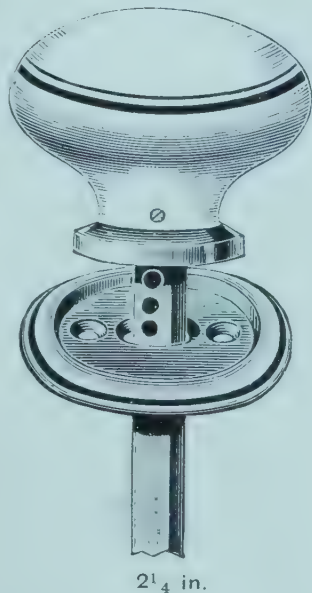
W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

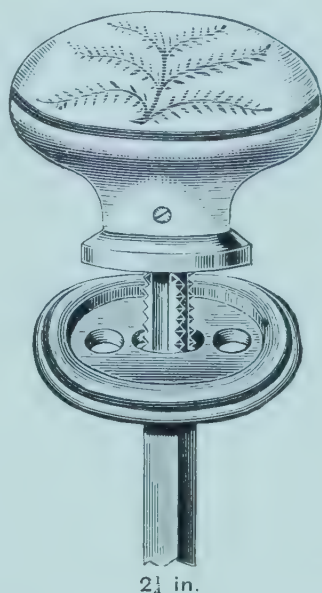
CALCUTTA.

## CHINA MORTICE FURNITURE.

WILKES'S SPINDLE CHINA  
ROSE

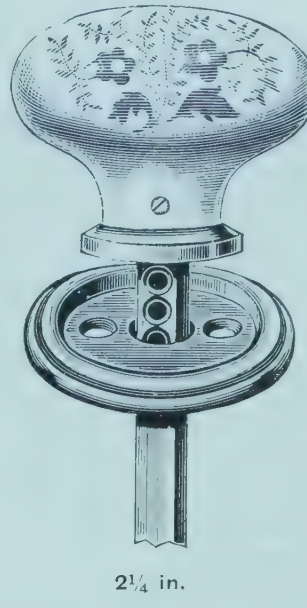


2 1/4 in.



2 1/4 in.

WILKES'S SPINDLE.



2 1/4 in.

PITT'S STAMPED BRASS  
ROSE.



2 1/4 in.

## CHINA MORTICE, RIM, AND LATCH FURNITURE.

Price	...	Plain White.	...	...	...	White and Gold Lines.	...	...	Fancy Pattern.
		As. 0-14 set				Rs. 1-6 set			on application.
Shutter	...	1 1/4	...	1 1/2	...	1 3/4	...	2-in.	do.
Knobs	...	Rs. 1-12	...	2-0	...	2-4	per doz.	...	

### CHINA CUPBOARD TURNS

No. 0.	Plain White	...	As. 0-6 each
" 18.	White and Gold	...	" 0-8 "

### CUT GLASS SHUTTER KNOBS.

No. 381.	1-in.	1 1/4-in.	1 1/2-in.
As.	0-10	0-12	0-14 each

## GLASS MORTICE FURNITURE.

The greatest attention is paid to the careful selection of all glass for hall door knobs and the mounting is done in the best possible style.

PITT'S STAMPED BRASS  
ROSE,  
MOULDED GLASS.



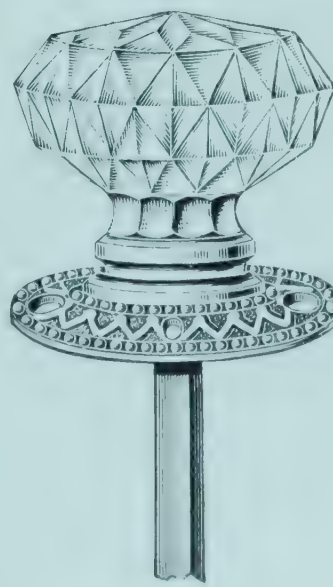
No. 380. 2 1/4 in.  
Price, Rs. 9-0 set.

PITT'S CAST BRASS ROSE  
CUT GLASS.



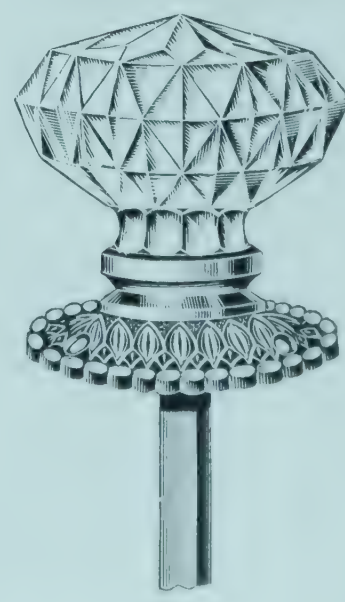
No. 389. 2 1/4 in.  
Price, Rs. 9-0 set.

PITT'S CAST BRASS ROSE,  
AMBER GLASS.



No. 389. 2 1/4 in.  
Price, Rs. 11-0 set.

PITT'S CAST BRASS ROSE,  
GREEN BLUE GLASS.



No. 615. Green. Rs. 13-8 set.  
No. 620. Blue. Rs. 13-8 set.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

### CHINA FINGER PLATES.

Size 11-in. X 3-in.



Per single dozen.

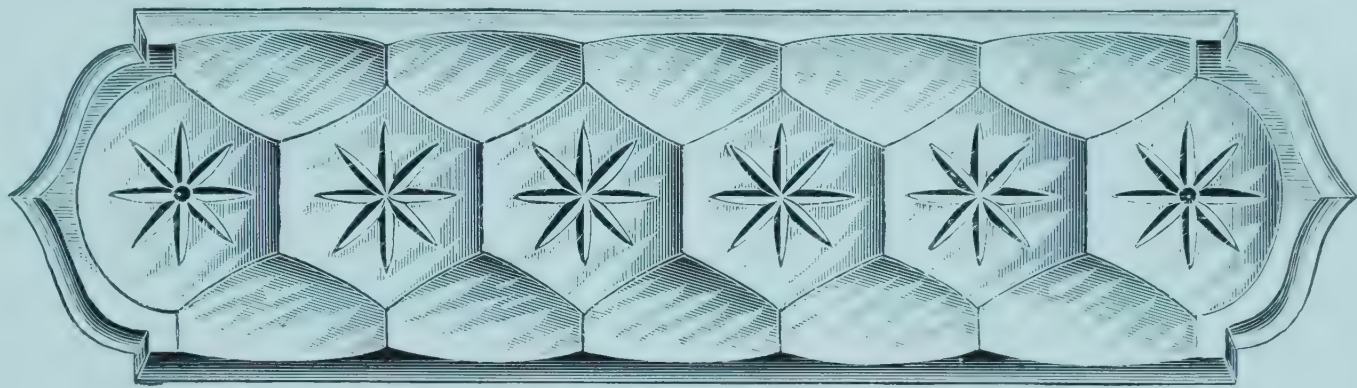
### CHINA FINGER PLATES.

Price : Plain White, Rs. 5-0 per doz.

White and Gold Lines. Rs. 9-0 per doz.

Fancy patterns on application.

### GLASS FINGER PLATES.



Cut Crystal Finger Plates. No. 348 ; size 11-in. X 3-in.. Rs. 18-8 per pair.

#### CHINA SHUTTER KNOBS.



White.

Size 1 1/4-in., 1 1/2-in.,  
Rs. 1-12 2-0 doz.

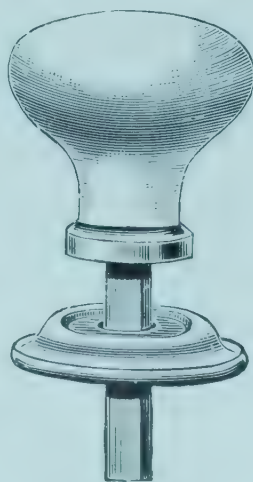
1 3/4-in., 2-in.  
" 2-4 2-8 doz.

White and Gold.

Size 1 1/4-in., 1 1/2-in.,  
Rs. 3-4 3-12 doz.

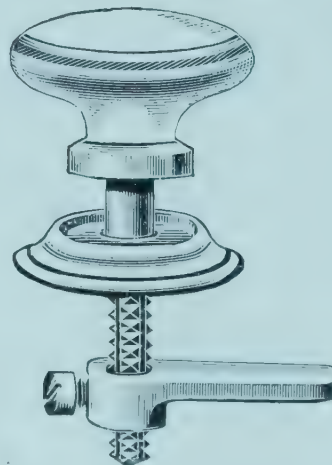
1 3/4-in., 2-in.  
" 4-8 5-0 "

#### CHINA SHORT BOLT KNOB. LOOSE CHINA ROSE.



On application.

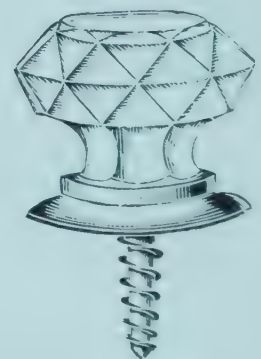
#### CHINA CUPBOARD TURN. LOOSE CHINA ROSE. |



White ... As. 0-6 each.

White & Gold As. 0-8 each.

#### CUT GLASS SHUTTER KNOB, FAST BRASS ROSE.



Size 1-in., 1 1/4-in., 1 1/2-in.

As. 0-10, 0-12, 0-14







**W. LESLIE & CO.,**

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

**CALCUTTA.****PRICES OF HOBBS, HART & CO.'S LOCKS AND SAFES.**

MANUFACTURERS TO HER MAJESTY BY APPOINTMENT.

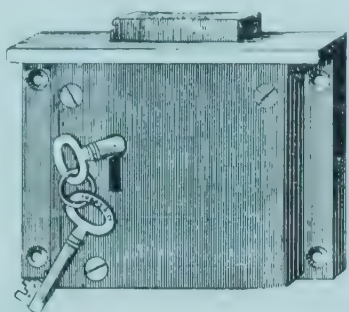
STRONG ROOMS, DOORS, LOCKS AND SAFES.

THE BANK OF ENGLAND AND ITS BRANCHES.

Contractors to Her Majesty's War and Works Departments, for Palaces, Museums, Magazines, Indian State Railways, Admiralty, &c., &c., Prison Boards of England, Scotland, Ireland, and Colonies, Great Britain and Colonial Railways, Principal Hotels, Hospitals, Asylums, Workhouses, Infirmaries.

**BRASS TILL AND DRAWER LOCKS.**

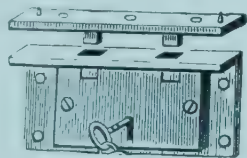
Lever quality. Two pipe keys each.



Size of till locks.				Price.
2½ in. × 1⅝ in., 4 lever ...	...	...	...	Rs. 3-8
2¾ in. × 2⅝ in., 4 lever ...	...	...	...	„ 3-12
3 in. × 2¾ in., 4 lever ...	...	...	...	„ 4-0

**BRASS BOX AND CHEST LOCKS.**

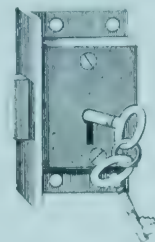
Lever quality. Two pipe keys each. For all kinds of wooden boxes and chests.



Sizes of box locks.				Price.
2½ in. × 1⅝ in., 4 lever ...	...	...	...	Rs. 3-12
3 in. × 1⅝ in., 4 lever ...	...	...	...	„ 4-4
3½ in. × 1¾ in., 4 lever ...	...	...	...	„ 5-4
4 in. × 2⅝ in., 4 lever ...	...	...	...	„ 6-12

**BRASS CUT CUPBOARD LOCKS.**

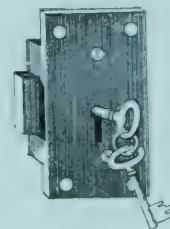
Lever quality. Two pipe keys each. To let in flush in fixing.



Sizes of Almirah locks				Price.
2 in. × 1⅝ in., 4 lever, ⅞ in. to pin ...	...	...	...	Rs. 3-8
2½ in. × 1¾ in., 4 lever, ⅝ in. „ ...	...	...	...	„ 3-12
3 in. × 1⅝ in., 4 lever, ¾ in. „ ...	...	...	...	„ 4-0
3½ in. × 1¾ in., 4 lever, ¾ in. „ ...	...	...	...	„ 4-8

**BRASS STRAIGHT CUPBOARD LOCKS.**

Lever quality. Double handed lock bolt. Two pipe keys each. To screw flat on the door in fixing.



Sizes of locks.				Price.
3 in. × 1⅝ in., 4 lever, ¾ in. to pin ...	...	...	...	Rs. 4-8
3½ in. × 1¾ in., 4 lever, ¾ in. „ ...	...	...	...	„ 5-8

**BRASS DOUBLE LINK CASH AND DEED BOX LOCKS.**

2 pipe keys each. Made expressly for fixing to metal boxes.

**BRASS LEDGER OR BOOK EDGE LOCKS.**

With spring dead-locking bolts. These locks are self-locking by the spring dead-locking bolt, and are thereby as secure as if locked by the key, possessing an advantage over ordinary bevelled spring bolts.

**BRASS DOUBLE LINK SLOPING DESK LOCKS.**

Two pipe keys each. These differ from box locks only by the selvages being bevelled.

**BRASS CUT CUPBOARD WARDROBE LOCKS.**

Two pipe keys each. Combining both lock and latch, and made with keyholes above or below followers.

**BRASS, OVAL LETTER BAG AND FOLIO LOCKS.**

Two pipe keys each.

**BRASS TRUNK OR PORTMANTEAU LOCKS.**

Two pipe keys each.

**BRASS LINK PLATE WARDROBE LOCKS.**

Two pipe keys each.

**BRASS DOUBLE LINK PEDESTAL LOCKS.**

Two pipe keys each. For sideboard cupboards, to lock at the side, or for pedestal sliding doors.

**BRASS LINK PLATE CUT CUPBOARD LOCKS.**

Two pipe keys each. For sideboard cupboards, to lock in front, or to lock the hinged flap securing a series of pedestal drawers.



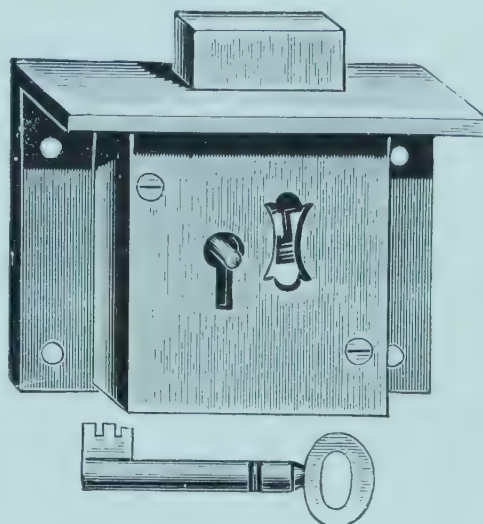
# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## LESLIE'S PATENT ENGLISH MADE BRASS CABINET LOCKS.

### DRAWER OR TILL LOCKS.

With duplicate keys.

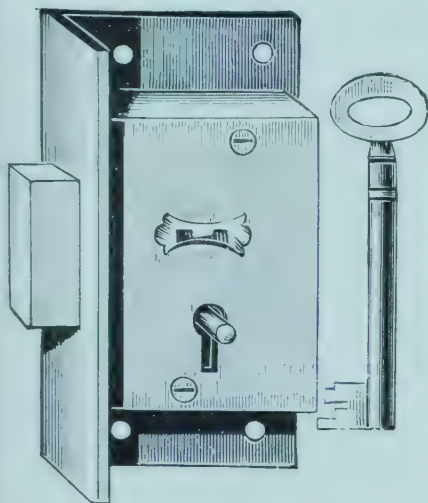
Size, in.	..	..	2	2½	2¾	3	3½
2 levers, No. 3021, Rs.	1-0	1-0	1-2	1-4	..	..	..
4 levers, No. 3023, Rs.	1-10	1-12	1-14	2-4	..	..	..



### CUT CUPBOARD OR ALMIRAH LOCKS.

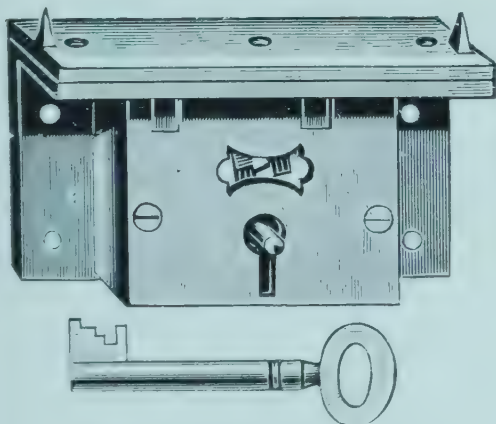
With duplicate keys.

Size, in.	..	..	2	2½	3	3½
2 levers, No. 3038 ..	Rs. 1-0	1-0	1-2	1-4	..	..
4 levers, No. 3039 ..	Rs. 1-12	1-14	2-0	2-4	..	..



### BOX OR CHEST LOCKS.

With duplicate keys.

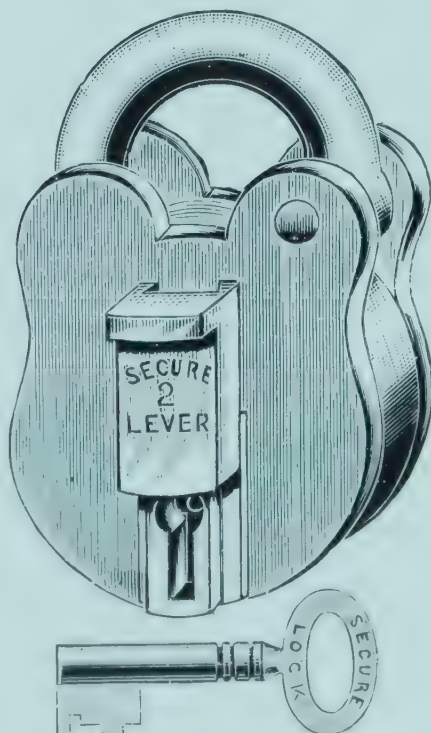


Size, in.	..	..	2	2½	3	3½
2 levers, No. 302 ..	Rs. 1-2	1-4	1-6	1-10	..	..
4 levers, No. 3031 ..	Rs. 1-8	1-12	2-0	2-4	..	..

Brass Cash Box Locks, .. .. Rs. each, 1-14  
Hobbs' Brass Cash Box Locks .. .. Rs. each, 4-8

### PADLOCKS.

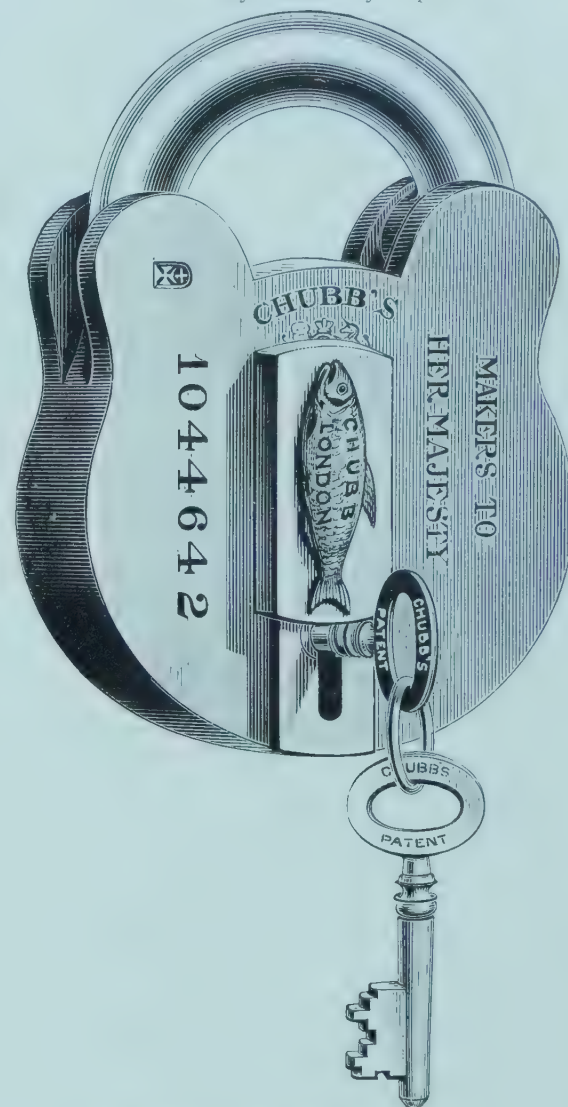
With duplicate keys.



Size, in.	..	..	1	1½	1¾	2	2½	3	3½
2 levers, No. 1346 ..	Rs. 1-4	1-6	1-8	1-12	2-0	2-12	3-4	..	..
4 levers, No. 1346 ..	Rs. 2-4	2-8	2-12	3-0	3-4	4-0	5-0	..	..

### CHUBBS' LOCKS.

Perfect Security. Absolutely Unpickable.



### CHUBBS' PADLOCKS.

Size, in.	1	1½	1¾	2	2½	3	3½
Price, Rs.	10-8	11-8	11-12	14-0	16-0	17-8	20-0

### CHUBBS' ALMIRAH OR CUT CUPBOARD LOCKS.

Size, in.	..	..	2½	3	3½
Price, Rs.	..	..	9-12	10-4	11-4

### CHUBBS' DRAWER OR TILL LOCKS.

Size, in.	..	..	2½	3	3½
Price, Rs.	..	..	10-4	10-12	11-4

### CHUBBS' BOX OR CHEST LOCKS.

Size, in.	..	..	2½	3	3½
Price, Rs.	..	..	10-8	11-4	11-12

### LETTER PADLOCK.

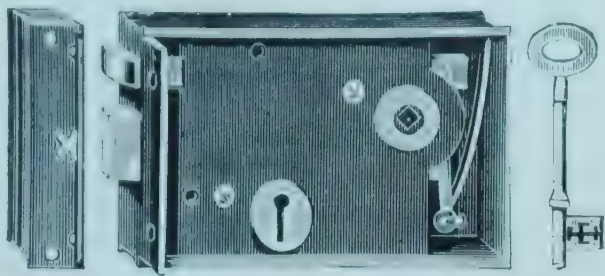
Perfect security against petty theft or pilfering. These Locks are essential amongst native servants, and cannot be opened without the pass-word.



3 Letter size	..	..	..	..	Re. each, 0-4
4 Letter size	..	..	..	..	..
5 Letter size	..	..	..	..	..



# LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.



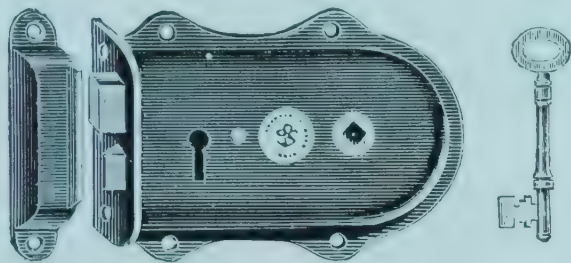
## JAPANNED RIM OR DOOR LOCK.

A strong and reliable English-made Lock, No. 1162, complete without handles.

No. 1162, Size 6-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each 1-4
7-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each 1-12
With brass furniture	..	..	..	..	..	..	..	..	..	Price, Rs. each 1-14 and 1 2-6
With china furniture	..	..	..	..	..	..	..	..	..	Price, Rs. each 2-2 and 2-10

## JAPANNED STEEL CASE RIM LOCK.

No. 510, 6-in., fitted with brass bolt	..	..	..	..	..	..	..	..	..	Price, Rs. each, 1-12
No. 609, 7-in., fitted with brass bolt	..	..	..	..	..	..	..	..	..	Price, Rs. each, 2-12
No. 609, 8-in., fitted with brass bolt	..	..	..	..	..	..	..	..	..	Price, Rs. each, 3-4
Complete with brass furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 2-10, 3-6 and 3-14
Complete with china furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 2-10, 3-10 and 4-2



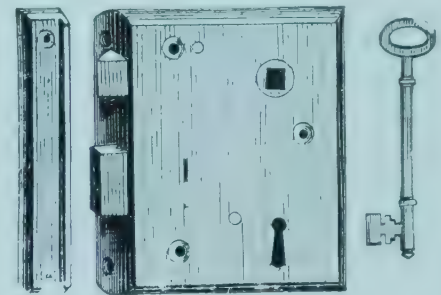
## BRASS RIM OR DOOR LOCK.

A strong and reliable English-made, well finished Lock, No. 1230, complete without handles. Size, 6-in. Price, Rs. 3-8 each.

No. 1230, Size 6-in., all brass bolts, with brass furniture	..	..	..	..	..	..	..	..	..	Price, Rs. each, 4-4
Complete with brass furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 4-4
Complete with china furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 4-8

## ALL BRASS UPRIGHT RIM OR SHIP'S DOOR LOCKS.

No. 1215, Size, 3-in., reversible bolt, gun-metal keys	..	..	..	..	..	..	..	..	..	Price, Rs. each, 3-14
Complete with brass furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 4-8
Complete with china furniture handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 4-12
No. 1211, Brass Rim Lock, polished case, 7-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each, 7-8
No. 1211, Brass Rim Lock, polished case, 8-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each, 10-8



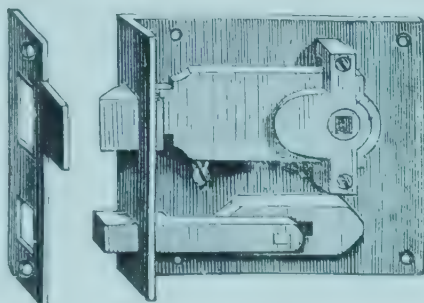
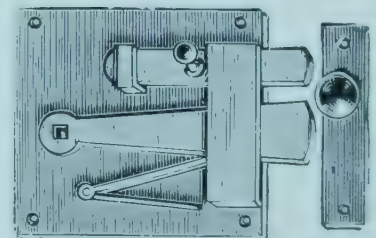
## STRONG IRON MORTICE LOCKS, WITH BRASS FACE PLATES.

No. 015, Size 6-in.	..	..	..	..	..	..	..	..	..	Price, without handles, Rs. each, 1-14
Strong Iron Upright Mortice Locks, 5-in. X 2-in.	..	..	..	..	..	..	..	..	..	Price, handles extra, Rs. each, 2-8
No. 20, Bronzed Upright Mortice Locks, 5-in. X 2-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each, 2-8
Brass Furniture	..	..	..	..	..	..	..	..	..	Price, per set, As. 0-10
China Furniture	..	..	..	..	..	..	..	..	..	Price, per set, As. 0-14

## BOW LATCHES.

Suitable for bedroom-doors.

Japanned, Size, 2½-in., complete with china handles	..	..	..	..	..	..	..	..	..	Price, Rs. each, 1-6
Japanned, Size, 2½-in., complete with brass handles	..	..	..	..	..	..	..	..	..	Price, As. each, 0-12
Brass Bow Latches, as illustrated, with brass handles, Size, 2½-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each, 1-12
Brass Bow Latches, as illustrated, with china handles, Size, 2½-in.	..	..	..	..	..	..	..	..	..	Price, Rs. each, 2-4



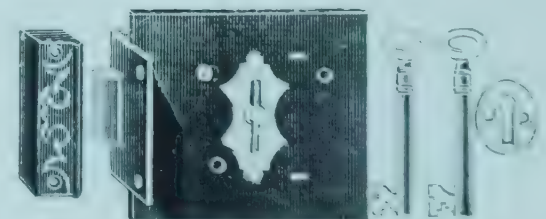
## BRASS PULPIT LATCHES.

No. 2384, Size 2½-in., with brass bolts, complete with brass handles	..	..	..	..	..	..	..	..	..	Price, Rs. 2-12 each
No. 1254, Size 3-in., with brass bolts, complete with brass handles..	..	..	..	..	..	..	..	..	..	Price, Rs. 3-4 each

## NIGHT LATCHES, WITH BRASS BOLTS, AS ILLUSTRATED.

Suitable for front doors, complete with 2 keys.

No. 1113, Japanned Night Latches	..	..	..	..	..	..	..	..	..	Price, Rs. 2-4 each
No. 1120, Japanned Night Latches	..	..	..	..	..	..	..	..	..	Price, Rs. 3-4 each





# PATENT PERFECT PADLOCK.



Sizes, 2-in. and 2½-in.  
Padlock, Price 0-12 each.

With one hand this lock can be fixed more readily and locked more securely than can the old style with two hands.

Being self-locking this lock overcomes the insecurity of the old style, which often appears to be locked when it is not.

This lock is so arranged internally as to afford the greatest security against being tampered with.

It cannot be burst open without absolutely breaking the shackle and outer case.

It is rain and damp proof, having a special revolving keyhole cover.

There are not so many essential features found combined in any other Padlock.

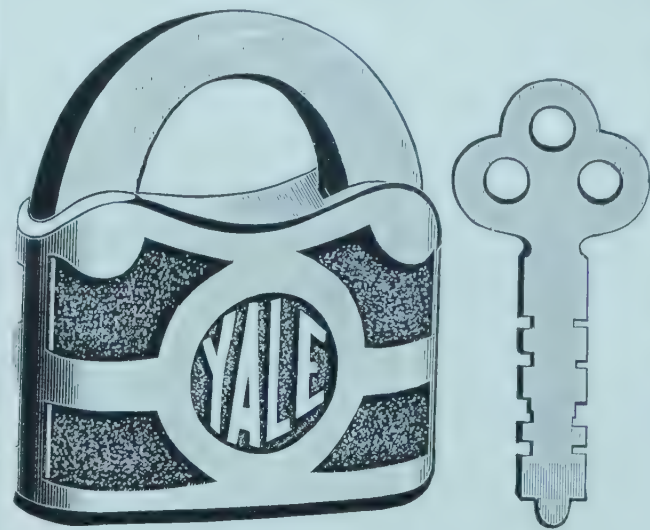
It is far more durable and eyeable than any other Padlock.

It can be used under circumstances where the shackle of the old style would be inconvenient.

It is the most serviceable Padlock and the best value for money ever offered.

The workmanship and materials are thoroughly good.

## THE "YALE."



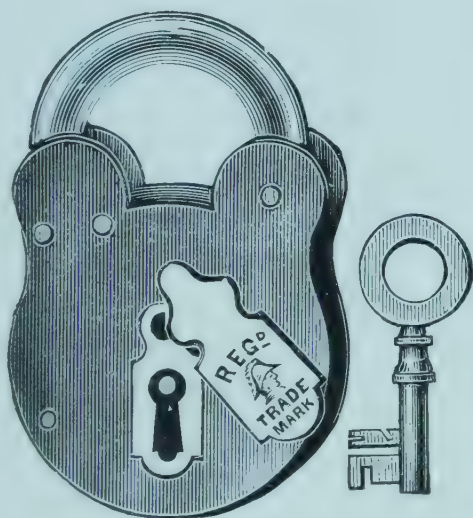
Gun Metal throughout.				
No.	813	823	833	843
Size	1-in.	1¼-in.	1½-in.	1¾-in.
Rs.	3-8	4-0	4-4	4-12
				5-8

## GALVANIZED PADLOCKS.

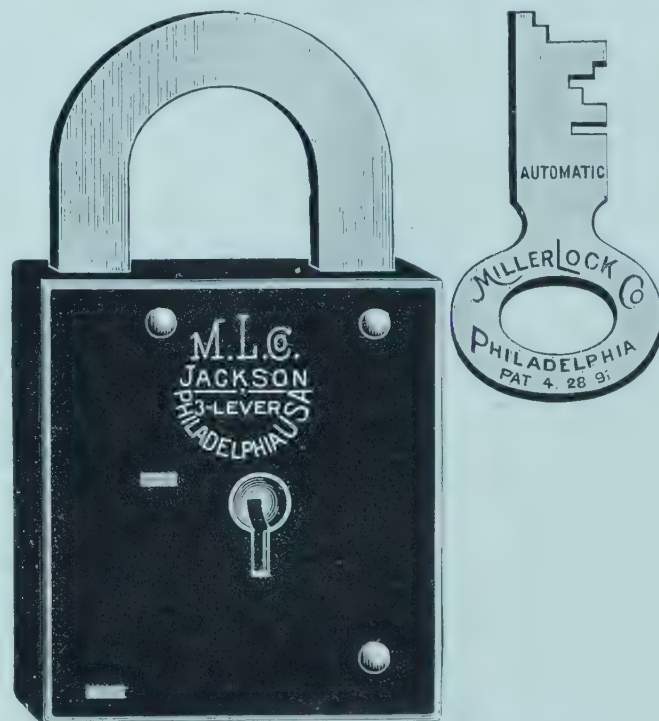
Size.	...	2-in.	2½-in.
No. 982	...	Rs. 6-12	7-8 per doz.
„ 3181	...	Rs. 9-0	10-8 „
„ 363	...	Rs. 13-8	15-0 „

## JAPANNED PADLOCKS.

Size	...	2-in.	2½-in.
No. 5176	...	Rs. 6-12	7-8 per doz.
„ 5331	...	Rs. 7-8	9-0 „



## THE "JACKSON."



The "Jackson" Padlock, as illustrated, with flat keys,  
Rs. 1-0 each. Blank keys for ditto, As. 0-4 each.

## JAPANNED PADLOCKS IN SETS.

No. 5331.

In sets of 6, with 1 master key and 1 key to each. Differing.

2-in. 2½-in.  
Rs. 7-8 per set. Rs. 9-0 per set.

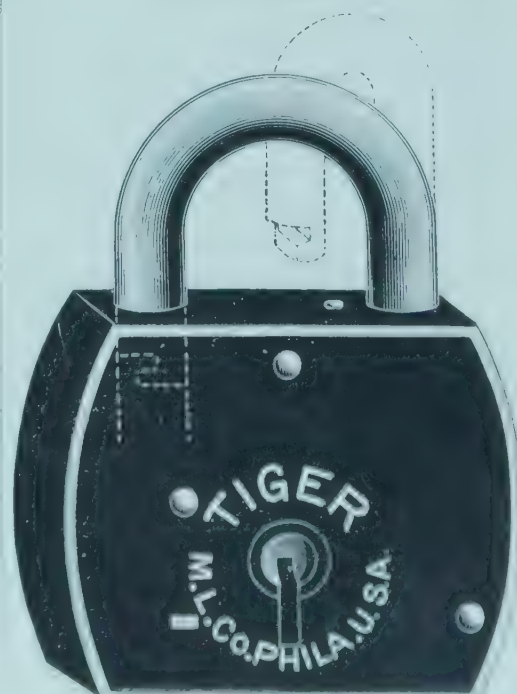
## JAPANNED PADLOCKS IN SETS.

In sets of 12, with 2 master keys and 1 key to each. Differing.

2-in. 2½-in.  
Rs. 14-4 per set. Rs. 17-8 per set of 12.



## The "TIGER."



Term Cash

Common Brass Padlocks, As. 0-8 to Re. 1-0.

Blank keys for ditto, As. 0-4 each.

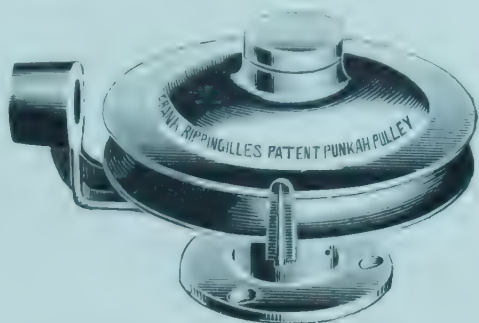


W. LESLIE & CO.,

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2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

A Marvel of Cheapness!

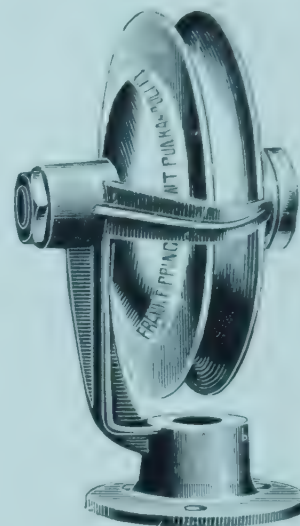


Noiseless. Price, Rs. 2-8.

This Wheel, which is Hollow, when filled with oil contains sufficient to keep it lubricated for One Year.

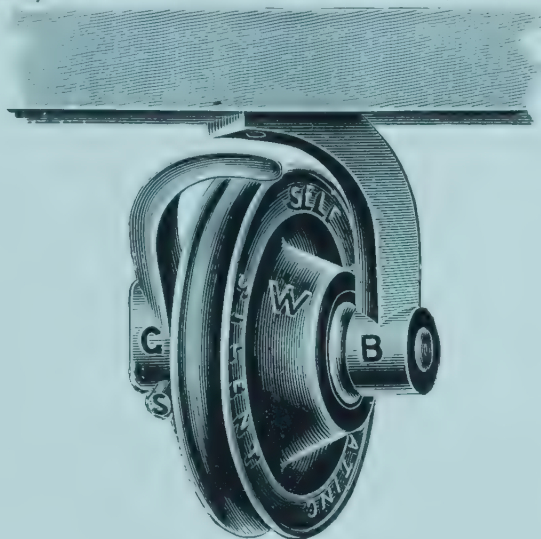
### PUNKAH PULLEY.

For which Her Most Gracious Majesty has granted Patents both in England and India.



Self-lubrication. Price, Rs. 2-8.

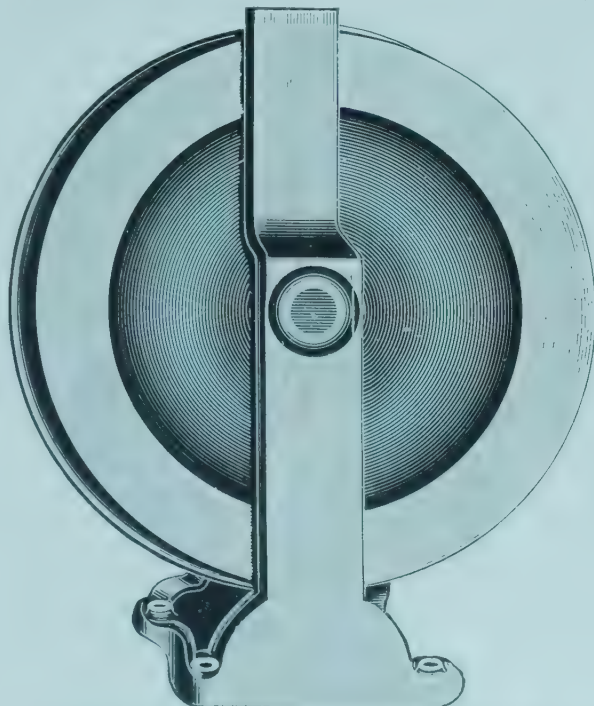
### Stoney's Patent Punkah Wheel, Pattern B.



Stoney's Patent Self-lubricating Punkah Wheel, B Pattern, has been designed and constructed on the same lines as the A pattern with such modifications as to reduce the cost of manufacture without in any way modifying the working value of the original patent.

Size  $4\frac{1}{2}$  in. Price, Rs. 6-0

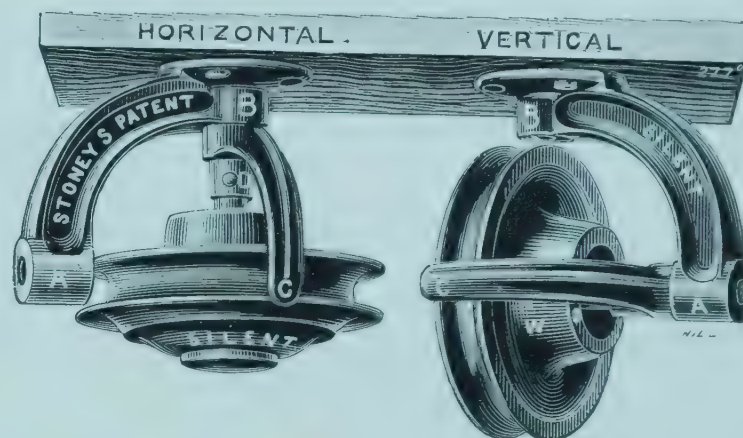
### Leslie's Cast Iron Punkah Wheel.



Leslie's Cast Iron Silent Punkah Wheel. English made Cast Iron Silent Punkah Wheel, made in two sizes. This wheel has been specially designed to take the place of the troublesome brass bazaar-made article. It is made of cast iron throughout, with long brush and steel spindle, fitted with leather washers which while running ensures perfect silence.

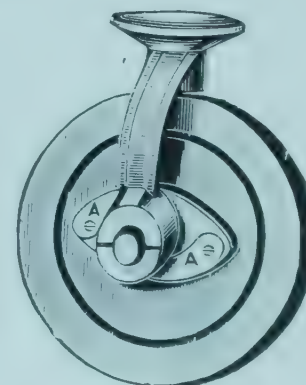
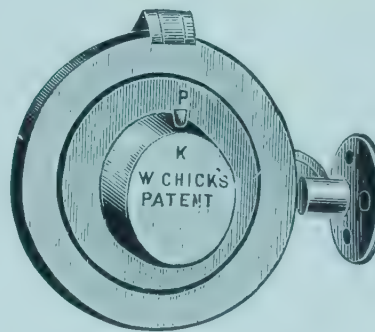
Size 3 in. Price, Rs. 1-8 each. Size  $4\frac{1}{2}$  in. Price, Rs. 3-0 each.

### Stoney's Patent Punkah Wheel, Pattern A.



Patent Self-lubricating Punkah Wheel. Stoney's Wheel is made of cast iron and is hollow so as to form its own oil reservoir, and as long as it remains at rest, the oil within it lies in the lower part of its hollow interior; as soon, however, as the wheel is turned this oil is carried to the top, thence runs on to and round the axle, the surplus always returning back to the bottom; the same oil is thus used over and over again without waste, leakage, or overflow. Size  $4\frac{1}{2}$  in. Price, Rs. 8-4.

### Chick's Patent Silent Self-lubricating Punkah Wheel.



Chick's Patent Silent Self-lubricating Punkah Wheel has been specially constructed to meet a long-felt want for a really first-class Self-lubricating Punkah Wheel at a moderate price. Instructions—Remove the plug P and fill box K with oil; it will then run for a whole season without further attention. Price, Rs. 4-8 each.

We hold the largest stock of Silent Punkah Wheels in India.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## WIRE NAILS, IN KEGS WEIGHING 112-lbs. NETT.



In. ...	...	...	...	1X15	1 1/4 X 14	1 1/2 X 13	1 3/4 X 12	2 X 11	2 1/2 X 9	3 X 8	3 1/2 X 8	4 X 7	5 X 7	6 X 6
Rs. per cwt. of 112-lbs.	...	...	...	15 0	13-8	10-0	10-0	10 0	10-0	10-8	10-8	10-8	10-8	10-8

Special quotations for large quantities.



## PATENT WROUGHT ROSE NAILS, "STAR BRAND," IN KEGS.

In. ...	...	...	...	1 1/2	2	2 1/2	3	4	5	6	7	8
Rs. per cwt. of 112-lbs.	...	...	...	14-8	11-8	10-8	10-8	10-8	10-8	10-8	11-8	11-8

Special quotations for large quantities.

## Wrought-iron Spike Nails or Deck Spikes, 7-in. to 10-in. Rs. 13-0 per cwt.

### Blued Hooping Nails for Tea Chests.

3/4-in. X 14-in.	...	Rs. per cwt., 16-8
7/8-in. X 13-in.	...	Rs. per cwt., 15-12
1 in. X 13-in.	...	Rs. per cwt., 15-0

### Triangular Nails for Tea Chests.



In. ...	...	...	1 1/2	1 3/4	2
Rs. per cwt.	...	...	14-8	14-0	13-8

### Dowel-Nails for Tea Chests.

1 1/4-in. X 14-in.	...	Rs. per cwt., 17-8
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All on this page subject to fluctuation.

### Tacks in Packets.

Tin Wire Tacks, 1/2-in.,	As. per 1,000	0-4
" 3/4-in.,	As. per 1,000	0-5
" 1-in.,	As. per 1,000	0-6
Blued " 1/2-in.,	As. per 10,00	0-4
Blued " 3/4-in.,	As. per 1,000	0-5
Blued " 1-in.,	As. per 1,000	0-6
Tinned Wire Tacks, 1/2-in., 3/4-in., and 1-in.	bulk, Rs. 35-0 per cwt.	
Blued Cut Tacks, 1/2-in., 3/4-in., and 1-in.	bulk, Rs. 30-0 per cwt.	

### Joiners' Brads.

In. ...	...	...	1/2	3/8	1	1 1/4
As. per packet	0-3	0-4	0-6	0-8		
Rs. per cwt.	42-0	24-0	18-8	17-8		



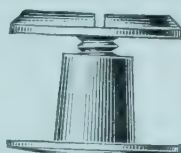
## Swedish Counter-sunk Horse Nails, as illustrated, made in England.

Of a special brand of Swedish charcoal iron, very strong and tough.

No. 3. 1 3/4-in. long. 3-lbs. to 1,000. Per cwt., Rs. 60-0 Per 14-lb. box, Rs. 7-8	No. 4. 1 7/8 in. long. 4-lbs. to 1,000. Per cwt., Rs. 50-0 Per 14 lb. box, Rs. 6-4	No. 5. 2-in. long. 5-lbs. to 1,000. Per cwt., Rs. 40-0 Per 14-lb. Box, Rs. 5-4	No. 6. 2 1/8-in. long. 6-lbs. to 1,000. Per cwt., Rs. 36-0 Per 14-lb. Box, Rs. 4-8
---	---	---	---

### Screw Belt Fasteners.

No. ...	4	6	8	10
Length, in.	1/2	3/4	1	1 1/4
Rs. doz.	1-12	2-4	2-12	3-0



### Nettlefold's Patent Belt Fasteners.

No. ...	8	6	4
Rs. doz. ...	2-4	3-0	5-0

### Green's Patent Belt Fasteners.

Size ...	00	0	1	2
Rs. gross	6-0	5-0	4-0	3-0

### Finest English Cut Leather Laces.

Prepared specially for mill use. 2-ft. to 4-ft. long. Rs. per lb. 2-0

### Country-made Laces.

Re. 1-4 per lb.

### English Pump Butt.

Strong. Re. 1-12 per lb.

### Copper Boat Nails.



Size, in. ...	...	...	1 1/2 X 14	1 3/4 X 12	2 and 2 1/2 X 10
Price, As. per lb.	...	...	0-15	0-15	0-15

### Brass-headed Picture Nails.



Size, in. ...	...	...	1 1/2	2	2 1/2	3	3 1/2
As. per doz. ...	...	...	0-4	0-4	0-4	0-6	0-6

### Copper Tacks.

Size, in.	1/2 and 5/8	3/4, 7/8, and 1
As. per lb.	0-14	0-14

### Copper Brads.

Size, in. ...	1	1 1/4	1 1/2
As. per lb.	0-15	0-14	0-14

### Tinned Rivets.

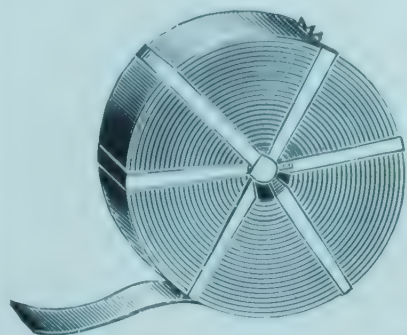
No. ...	8	10	12-oz. per 1,000.
Size, in.	1/4 X 1 1/8	by 3 12	1/2 X 1
Price, per lb.,	0-8	0-8	0-8

Copper Rivets.	1/2 X 1/8	...	3/8 X 3/16	...	3/4 X 1/4	...	1 X 1/4
Rs.	1-2	...	1-0	...	0-14	...	0-14

Prices in this Catalogue are subject to fluctuation without notice, and are ruled by a cheap edition issued twice annually.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.



## FINEST ENGLISH LEATHER BELTING.

Special quality.

Thoroughly stretched and made from best tanned leather.

Single.	Size, in. ...	1½	2	2½	3	3½	4	4½	5	6	7	8	10
	Price, Rs. per ft...	0-4-3	0-5-6	0-7-6	0-9-6	0-11-6	0-13-6	1-1-0	1-4-0	1-8-0	2-0-0	2-4-0	3-4-0
Double.	Size, in. ...	3	3½	4	4½	5	5½	6	7	8	9	10	12
	Price, Rs. per ft...	1-4	1-8	1-12	1-15	2-4	2-6	2-8	3-3	3-10	4-6	4-14	5-12

## VULCANIZED INDIA-RUBBER MACHINE BELTING.

Made of canvas and India-rubber.

The canvas used in this Belting is made of the very best American cotton, woven specially for the purpose. The India-rubber is also specially selected, and every possible care taken to ensure a first-rate Belt.



Width, in. ...	1½	2	2½	3	4	4½	5	6	8	10	12
2-ply, Price, Rs. per ft. ...	0-3-9	0-4-3	0-5-0	0-7-0	0-8-6	0-14-0	1-0-0	1-2-0	1-6-0	2-0-0	3-0-0
3-ply, " Rs. " ...	—	—	—	—	—	—	—	—	—	—	—
4-ply, " Rs. " ...	—	—	—	—	—	—	—	—	—	—	—
5-ply, " Rs. " ...	—	—	—	—	—	—	—	—	—	—	—
6-ply, " Rs. " ...	—	—	—	—	—	—	—	—	—	—	—

## SUPERIOR QUALITY ENGLISH COTTON BELTING.

Width, in. ...	2	2½	3	3½	4	5	6	7	8	9	10	12
4-ply ... Rs. per ft...	0-6-0	0-7-6	0-8-6	0-11-3	0-12-0	—	—	—	—	—	—	—
6-ply ... Rs. " ...	—	—	—	—	1-2-0	1-5-0	1-8-0	—	—	—	—	—
8-ply ... Rs. " ...	—	—	—	—	—	—	—	1-14-0	2-4-0	2-6-0	2-10-0	3-4-0
A cheaper quality, Rs. " ...	0-4-6	0-5-0	0-7-0	0-10-0	0-12-0	0-13-6	1-0-0	—	—	—	—	—



## HARRIS'S PATENT BELT FASTENERS.

Size, in.	2	2½	3	3½	4	4½	5	6
Gross ...	Rs. 0-8-0	0-10-0	0-12-0	0-14-0	1-0-0	1-2-0	1-4-0	1-10-0

Spare screws for the above, As. 0-8 per doz.

### Screw Belt Fasteners.

No. ...	4	6	8	10
Length ...	½-in.	¾-in.	1-in.	1½-in.
Price, Rs. ...	1-12	2-4	2-12	3-0 dozen.

### Nettlefolds' Patent Belt Fasteners.

No. ...	8	6	4
Rs. ...	2-4	3-0	5-0

### Green's Patent Belt Fasteners.

Sizes .	0	0	1	2
Rs. ...	6-0	5-0	4-0	3-0 gross

### Finest English Cut Leather Laces.

Prepared specially for mill use, 2 feet to 4 feet long, Rs. 2-0 per lb.

### Country-made Laces.

Rs 1-4 per lb.

### English Pump Butt.

Strong. Rs. 1-12 per lb.

For the Manufacture and Repairing of Harness, Belts, Straps, and other Goods made of Leather, Rubber, Canvas, Sheet Metal or Wood, use

## THOMSON'S PATENT BIFURCATED OR SLOTTED (TWO-PRONGED) RIVETS.

The only Rivet which does not displace or weaken the material.

DRIVEN AND CLINCHED WITH A COMMON HAMMER.

Terms Cash.

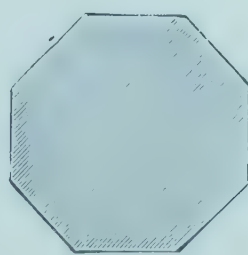
Prices of Belting are subject to fluctuation.

Terms Cash.

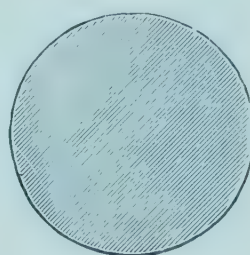


STEEL  $C \frac{1}{2} X$

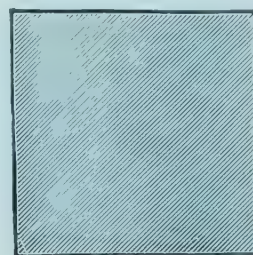
We are among the oldest makers of Crucible Cast Steel in Sheffield, and as we use large quantities of Steel of various tempers in our own manufactures, we are able to thoroughly test all we send out, and to guarantee its fitness for any purpose for which it may be required.



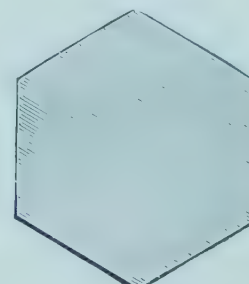
OCTAGON.



ROUND.



SQUARE.



HEXAGON.

Bessemer, ordinary for crowbars, jumpers, &c.	...	...	...	Rs. per cwt.	11-0
Miners, extra quality for drills, &c....	...	...	...	"	21-0
Tool, special quality for turning tools, &c.~	...	...	...	"	30-0 to 35-0
Blister,	...	...	...	"	30-0 to 35-0
Spring,	...	...	...	"	12-0 to 13-8

IRON, BARS—

	Rs. A.	Rs. A.
Bars—Flat, of sizes per cwt. ...	5	12 to 7 0
Round „ „ „ ...		
Square „ „ „ ...		
Mild soft steel Bars, easily worked and welded, now imported in place of Swedish Iron ...	7	4 „ 7 12
Lowmoor, of sizes ...	22	8 „ 24 0
Angles, of sizes, ordinary ...	6	0 „ 7 0
Tees, of „ „ „ ...	6	0 „ 7 0
Sheets—Staffordshire, Size 6 ft. X 2 ft.	11 to 16	6 12
	B. W. G.	
	Do.	18 to 24
	B. W. G.	7 4
Do.	26 to 28	8 0
	B. W. G.	
Plates—Common ...	...	6 0
Staffordshire ...	...	6 12
Mild Steel ...	...	7 4

GALVANIZED IRON SHEETS—

Galvanized Corrugated Sheets, 6, 7 and 8 feet long.	
22 to 24 B. W. G., 33-in. wide, per cwt.	Rs. 9-8 to 10-0
Over 8 feet long, extra ...	„ 0 4

NOTE.—Unless sheets 27 inches wide are specially ordered, we always send out those of 33 inches wide, as there is less loss from overlap in covering a given area.

Plain Galvanized Sheets, $\frac{1}{8}$ inch to 24 B.W.G.	11 8
--	------

LEAD—

	Rs. A.
Lead Pipe Rolls ...	per cwt. 16 to 18 0
Cut Pieces ...	per cwt. 19 0
Pig, Ordinary ...	per cwt. 14-4 to 16 0
Sheets, in rolls 30-ft. by 7-ft. ...	per cwt. 17 8
Betts' Tea Lead ...	per cwt. 15-4 to 16 8
„ Solder ...	per cwt. 56 0
Solderine, or Soldering Fluid... per gallon	6 8

ZINC, SHEETS AND SLABS—

	Rs. A.
Plain Sheets, 8 ft. X 3 ft., 14 to 26 B. W. G.	
per cwt.	Rs. 22 to 24 0
Perforated „ 8 ft. X 3 ft. ... each „	0 2
Spelter Slabs per cwt.	20 0

TIN, BLOCK AND SHEET—

Block ...	per cwt. Rs. 65 to 75 0
Sheets, varying thickness, 14-in. X 10-in. and 14-in. X 20-in. ...	per box 14 0

COPPER, SHEETS, PLATES, TUBES, &c.—

Sheets ...	per cwt. Rs. 55 to 60 0
Plates, from $\frac{1}{8}$ -in. upwards ...	Special rates.
Tubes ...	per lb. As. 12 to 14
Do. $\frac{3}{8}$ -in. diam. and under „	Re. 1 to 0
Ingots and Tiles ...	per cwt. Rs. 48 to 52 0
Rods ...	„ 60 „ 65 0

BRASS SHEETS, PLATES AND TUBES—

Sheets and Plates ...	per cwt. Rs. 50 to 60 0
Tubes ...	per lb. As. 11 to 0 14
Do. $\frac{3}{8}$ -in. diameter and under ...	1 0

MUNTZ METAL—

Sheathing, 10 to 14-oz. ...	per lb. 0 9
Do. 16 „ 24 „ ...	„ 0 8

BABBITS METAL—

...	0 14
-----	------

Rolled Iron and Steel Beams, all Sections.

LOCKWOOD BROTHERS



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

Special Prices quoted for Galvanized Corrugated Sheets in Large Quantities.

## GALVANIZED FITTINGS FOR CORRUGATED SHEETS.

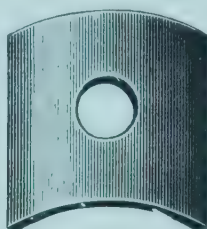
No. 2.



No. 3.



No. 4.



No. 5.



No. 6.



No. 7.



No. 8.



		Diam. ...	2	2½	3	3½	4	4½ ins. long.	
No. 2.	Galvanized Cone-headed Screws, Rs. per gross	...	1-10	...	1-14	...	2-4	...	— or Rs. 34 0 per cwt.
No. 7.	" Cone-headed Nails, "	...	1-4	...	1-8	...	1-12	...	— " 32-0 "
No. 8.	" Hook Bolts for Tie Rods "	...	—	...	—	...	7-0	...	7-8 ... 8-0 ... —
		Inch ...	½ × ¼	⅝ × ¼	¾ × ¼				
No. 5.	Galvanized Rivets	...	...	...	...	Rs. 27-0	...	25-0	...
No. 6.	" Washers	...	...	...	...	¾ in. diam. outside	...	Rs. 24-0	per cwt.
No. 4.	" Bent Washers	...	...	...	...	Rs. 27-8	...	4-12	per gross.
No. 3.	" Bolts and Nuts	...	...	...	...	¼ by ¾-in. diam.	...	Rs. 1-10	...

Plain Galvanized Ridging.				
15 in.	18 in.	21 in.	across.	
Rs. 4	...	5	...	6 per foot.

	Galvanized Gutter.
In Lengths of 6 ft. × 8 in.	...
Rs. 7	per foot.

## GALVANIZED CORRUGATED SHEETS.

10 3-inch Corrugations, or 2-ft. 9-ins. wide.

With lap of one corrugation; width of sheet, 2-ft. 6-in.  
" two corrugations; " 2-ft. 3-in.



## GALVANIZED RIDGING.



6 ft. by 6 in. lap, 18 in. overall, 24 guage...	As. 4 per foot.
6 ft. by 9 in. lap, 24 in. " 24 " ...	As. 5 "
6 ft. by 12 in. lap, 30 in. " 20 " ...	As. 6 "

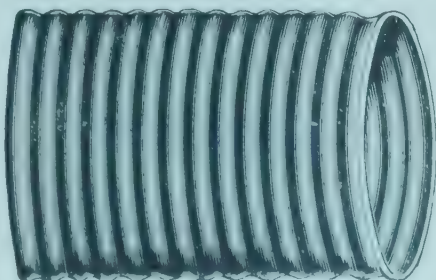
## GALVANIZED GUTTER.



6 ft. by 8 in. wide ... As. 7 per foot.

Galvanized Flat Iron for Wind Ties.  
1½ by ¼, 1½ by ¼, and 2 by ¼ in. ... Rs. 11-0 per cwt.

## GALVANIZED CULVERTS or Channel Pipes.



	Diameter ...	2 in.	2 ft. 6 in.	3 in.	3 ft. 6 in.	4 in.
18 B. W. G. Culvert, per foot,	Rs. 3-0	...	3-4	...	4-0	...
22 " " " "	Rs. 2-8	...	2-12	...	3-0	...

Any size or gauge made to order.

Terms Cash.

Prices on this page are subject to fluctuation.

Terms Cash.



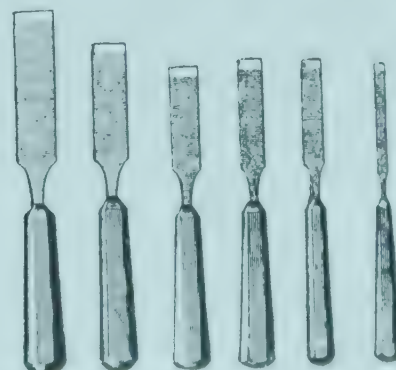
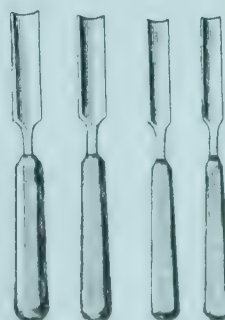
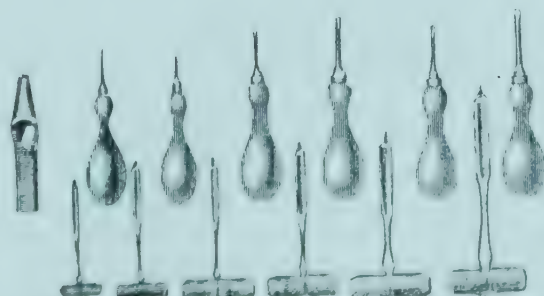
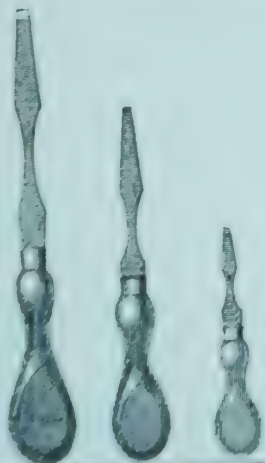
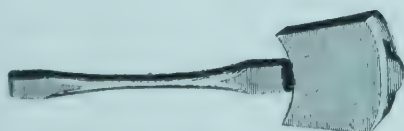
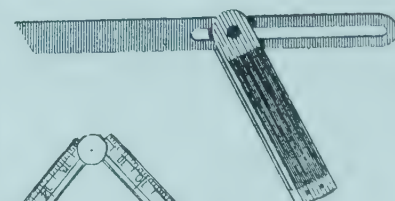
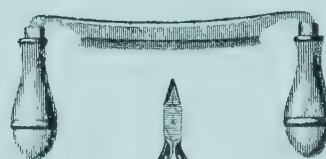
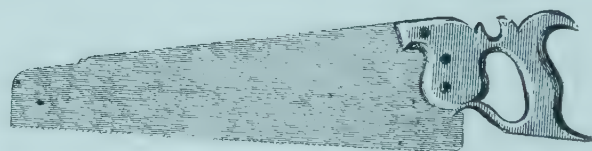
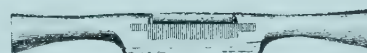
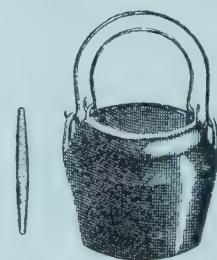
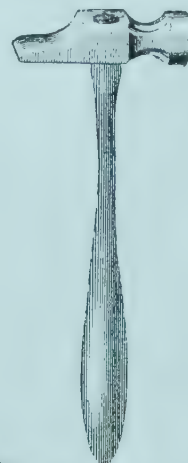
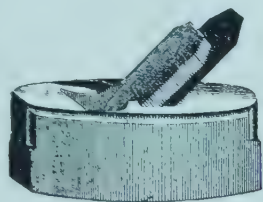
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.

JOHN SORBY AND SONS,



CORPORATE MARK

SPITAL HILL, SHEFFIELD.





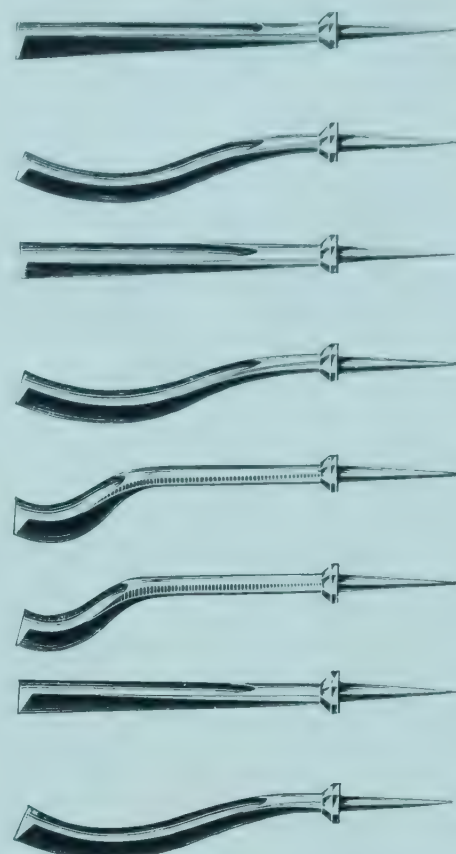
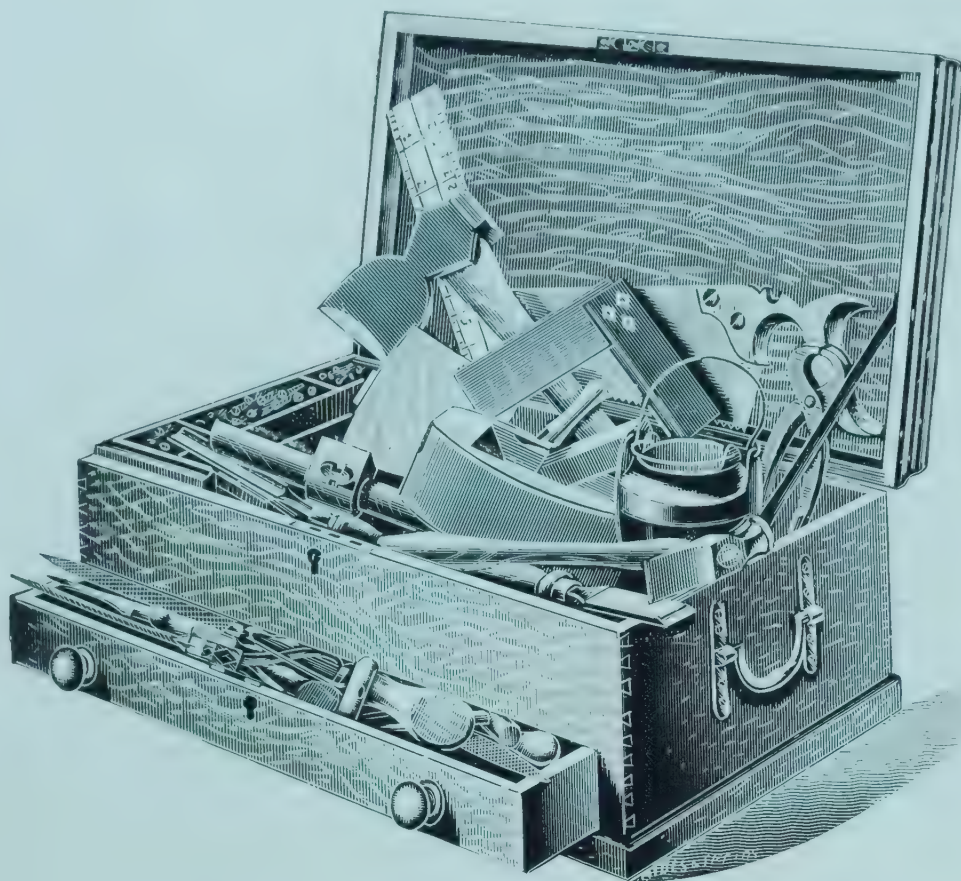
W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

GENTLEMEN'S AND AMATEURS'

CARPENTERS' TOOL CHESTS



Wood Carving Tools, as illustrated.

Set of 12 ... .. Rs. per set, 12  
Set of 6 ... .. Rs. per set, 7-8

Sheets of Fret and Carving designs,  
Rs. per book, 1-8.

Fret Saw Frames ... Rs. each, 1-14  
Fret Saw Blades ... As. dozen, 0-5  
Fret Saw Files ... Rs. dozen, 3-0

## GENTLEMEN'S TOOL CHESTS.

## No. A Chest contains:—

Hand Saw.	Pincers.	Bradawl.
Hammer.	Chisel.	Gimlet.
Mallet.	Gouge.	Turnscrew.

Price, Rs. 3-8.

## No. O Chest contains:—

Hand Saw.	Pincers.	Gouge.
Hammer.	Two Gimlets.	File.
Mallet.	Two Bradawls.	Turnscrew.
Rule.	Chisel	Furniture.

Price, Rs. 15-8.

## No. 2 Chest contains:—

Handsaw.	Three Bradawls.	Turnscrew.
Hatchet.	Two Chisels.	Spokeshave.
Hammer.	One Gouge.	Square.
Mallet.	Three Files.	Claw Wrench.
Rule.	Oil Stone.	Pliers.
Pincers.	Marking Awl.	Compasses.
Three Gimlets.	Punch.	Furniture, &c.

Price, Rs. 28-0.

## No. 4 Chest contains:—

Hand Saw.	Three Files.	Pliers.
Hatchet.	Two Gouges.	Compasses.
Hammer.	Oil Stone.	Lock Saw.
Mallet.	Marking Awl.	Plane.
Rule.	Punch.	Marking Gauge.
Pincers.	Two Turnscrews.	Glue Pot and Brush.
Four Gimlets.	Spokeshave.	Furniture, &c.
Four Bradawls.	Square.	
Four Chisels.	Claw Wrench.	

Price, Rs. 44-0.

## No. 6 Chest contains:—

Two Saws.	Lock Saw.	Two Spokeshaves.
Axe.	Smooth Plane.	Square.
Two Hammers.	Jack Plane.	Claw Wrench.
Mallet.	Marking Gauge.	Pliers.
Rule.	Glue Pot and Brush.	Compasses.
Pincers.	Four Files.	Drawing Knife.
Six Gimlets.	Oil Stone.	Cutting Punch.
Six Bradawls.	Marking Awl.	Scraper.
Six Chisels.	Two Punches.	Bevel.
Four Gouges.	Three Turnscrews.	Furniture, &c.

Price, Rs. 66-0.

Sets of 9 wood turning tools ... Prepared fancy fret wood in oak and cherry at As. 0-10 per foot.  
" iron turning tools ... Rs. 9-0 per set. Household tool sets.—No. 3 2 2D 1½ 1 0 per set.  
Rs. 1-14 ... 2-12 ... 3-12 ... 4-12 ... 5-12 ... 6-8

Fret saw machines fitted with all the latest improvements ... .. Price, Rs. 16.  
" cabinets, containing complete sets of fret workers' tools ... .. " " 3 and Rs. 7-8 each.  
Small household tool sets from ... .. " " 1-14 to " 6-8 ..

## TOOL CHESTS.

Terms net cash.

4025 ... Rs. 20-0.

4027 ... Rs. 30-0.

4028 ... Rs. 70-0.

Terms net cash.

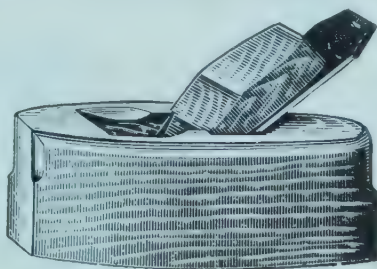


# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

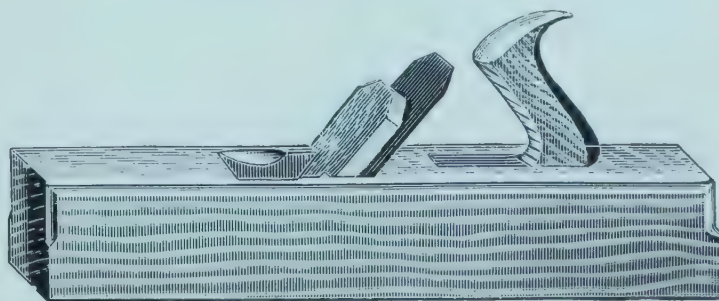
# CALCUTTA.

## CARPENTERS' SMOOTHING PLANES.



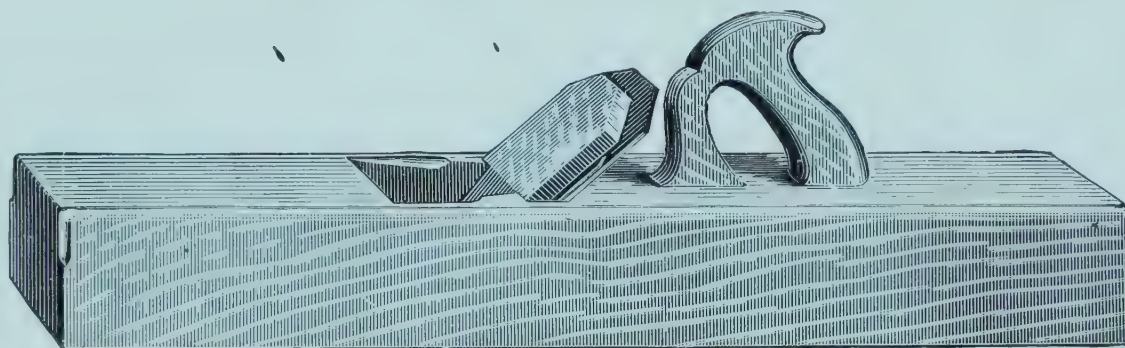
With Sorby's best warranted double iron,  $7\frac{1}{2}$  in.  $\times$  2 in.  
Price, Rs. 2-4 each.

## CARPENTERS' JACK PLANES.



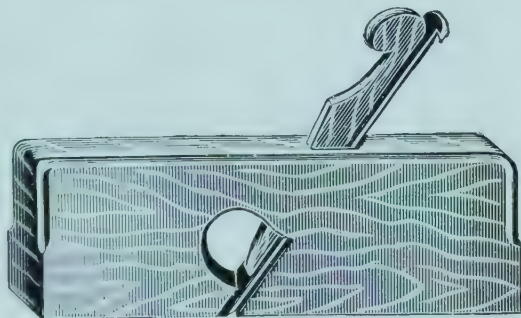
With Sorby's best warranted double iron, 17 in.  $\times$   $2\frac{1}{4}$  in. Price, Rs. 3-8.

## CARPENTERS' TRYING PLANES WITH BEST CAST-STEEL DOUBLE PLANE IRON.



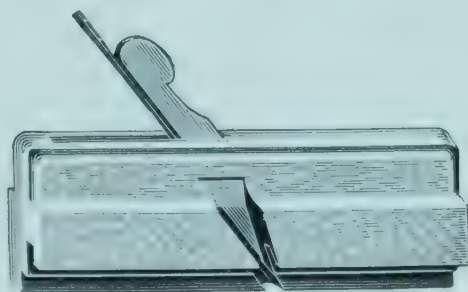
Trying plane, with Sorby's warranted double iron, 24 in.  $\times$  2 in. Price, Rs. 4-12 each.

## SKREW RABBATE PLANE.

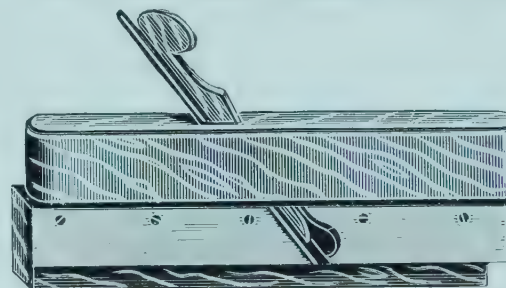


Size, inch  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1  
Rs. each 1-14 ... 2-0 ... 2-0 ... 2-0 ... 2-0 ... 2-4

## GRECIAN O. G. PLANE.

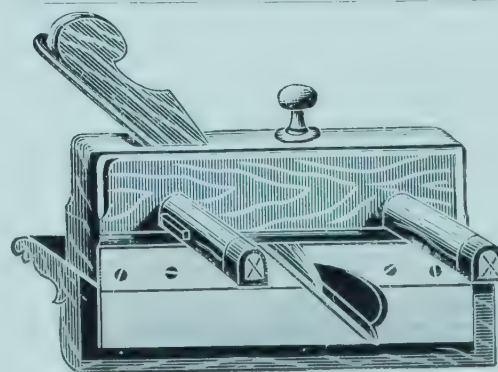


Size, in.  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1  
Rs. each 3-0 ... 3-8 ... 3-12 ... 3-12 ... 4-0 ... 4-0



BEAD  
PLANE.

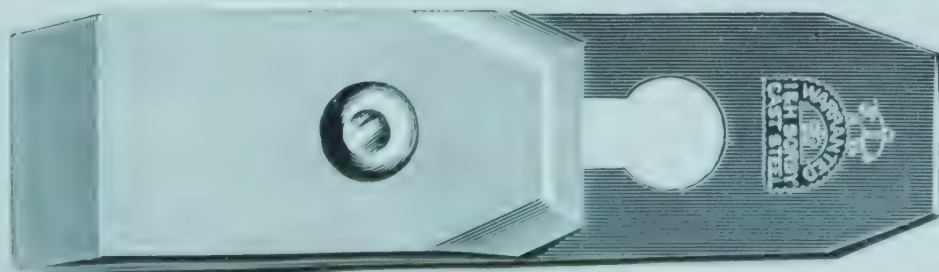
Size, in.  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{7}{8}$  1  
Rs. each 2-0 ... 2-4 ... 2-4 ... 2-4 ... 2-8 ... 2-12 ... 3-0



PLOUGH  
PLANE.

Plough planes, with 8 irons, Rs. 14-0 each.  
" " irons only, " 7-8 set.

Grooving planes, inch  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1  
Rs. each 4-8 ... 5-0 ... 5-0 ... 5-0 ... 5-8



## SORBY'S BEST WARRANTED CAST-STEEL PLANE IRONS.

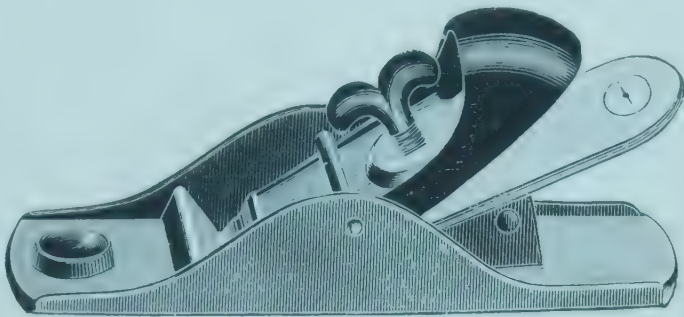
Double plane irons, brass nitted :  
inch  $1\frac{1}{2}$   $1\frac{3}{4}$  2  $2\frac{1}{4}$   $2\frac{1}{2}$   
Rs. dozen 11-4 ... 11-12 ... 12-8 ... 14-4 ... 17-8

Best cast-steel single plane irons :—  
inch  $1\frac{1}{2}$  2  $2\frac{1}{4}$   $2\frac{1}{2}$   
Rs. dozen 6-12 ... 7-8 ... 9-0 ... 10-8

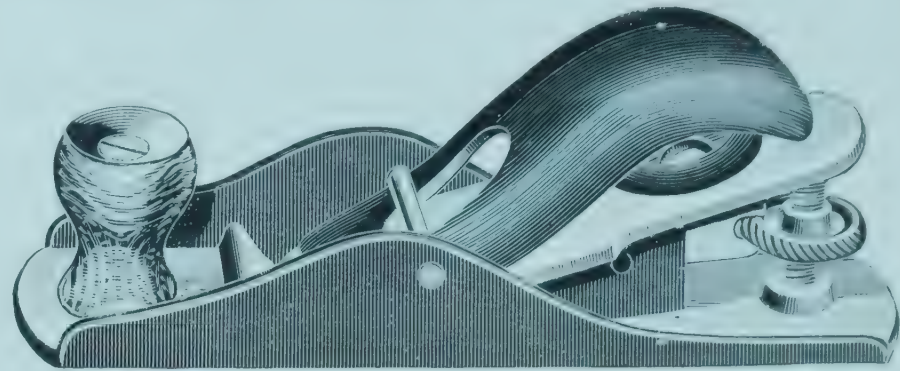


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## IMPROVED ADJUSTABLE IRON PLANES.



Cut of No. 106.



Cut of No. 107.

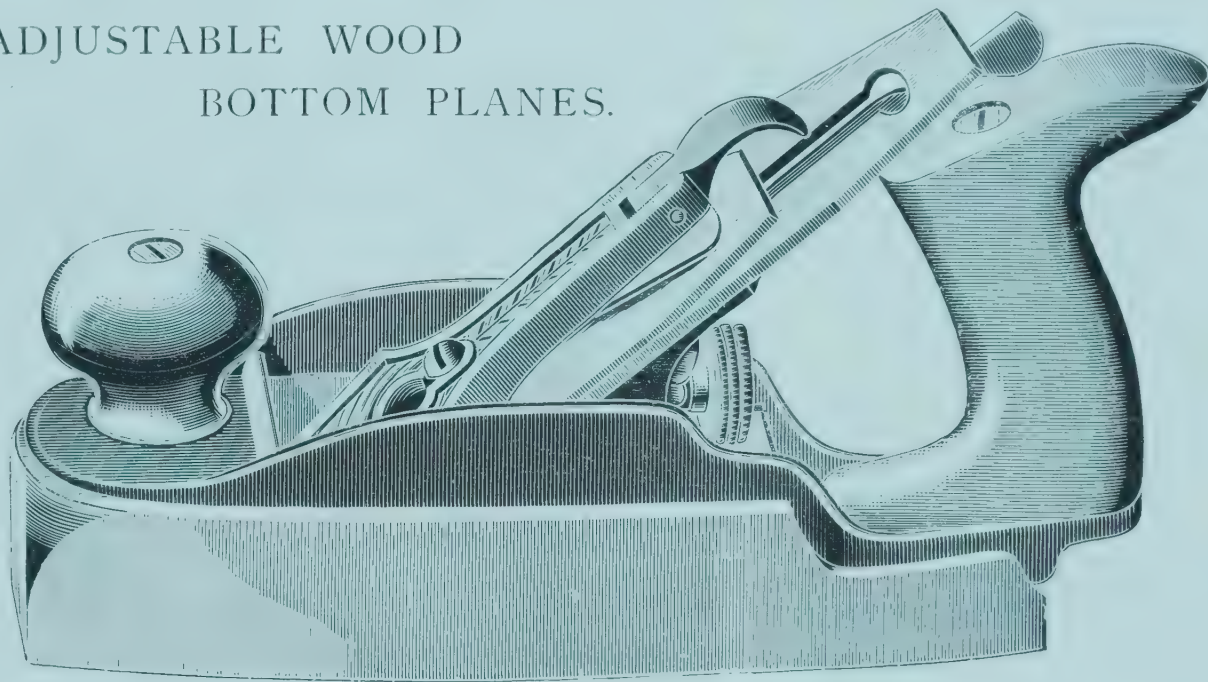
### IRON BLOCK PLANES.

Japanned Finish.

No. 106, Block Plane, 5½-in. × 1½-in. Cutter, Rs. each, 1-6.  
" 15, " 6½-in. 2-0.

No. 107, Block Plane, 7½-in. × 1¾-in. Cutter, Rs. each, 2-4.  
" 16, " 7½-in. 2-4.

## ADJUSTABLE WOOD BOTTOM PLANES.



### HANDLED SMOOTH PLANES.

With Screw Adjustment. No. 3411, Handled, 9-in. × 2-in. Cutter, Rs. each, 6-12.  
With Patent Screw Adjustment for exact adjusting of Plane iron with the face of the Plane.

## AMERICAN IRON BLOCK PLANES.



Patent Adjustable. Bright Face.  
No. 3420. Block Plane, 18-in. long × 2¾-in. wide. Price, Rs. 8-0 each.  
No. 3424. " " 24 in. " × 2¾-in. " " 13-8 each.

### JACK, FORE & JOINTER PLANE.

With Screw Adjustment. With Patent Side Adjustment for exact adjusting of Plane Iron with the face of the Plane.

#### Jack and Fore Planes.

No. 3415. Jack Plane, 15-in. × 2-in. Cutter, Rs. 6-0 each.  
" 3420. " " 18-in. × 2¾-in. " " 8-8 "

#### Jointer Planes.

No. 3424. Jointer Plane, 24-in. × 2¾-in. Cutter, Rs. 10-0 each.



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

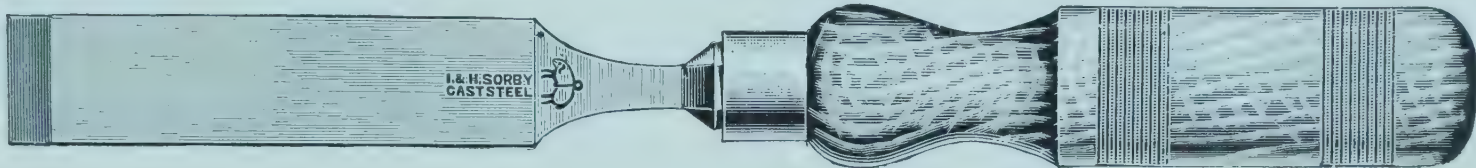
CALCUTTA.

# BEST CAST-STEEL CHISELS AND GOUGES (Sorby's).



Sorby's in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per doz.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Firmer Chisels	2 12 0	3 0 0	3 8 0	4 0 0	4 4 0	5 0 0	5 4 0	7 8 0	9 12 0	11 8 0
Firmer Gouges	3 12 0	4 0 0	4 8 0	5 0 0	5 8 0	6 0 0	6 12 0	9 0 0	11 8 0	

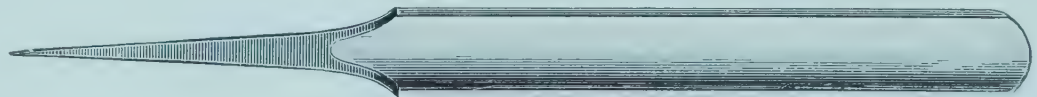
## BEST CAST-STEEL FIRMER CHISELS IN SETS (Handles extra).



Set of 6 Best Cast-steel Firmer Chisels,  $\frac{1}{4}$  to 1-in. Rs. 2-4 per set.  
Set of 12 Best Cast-steel Firmer Chisels,  $\frac{1}{4}$  to  $1\frac{1}{2}$ -in. Rs. 5-0 per set.

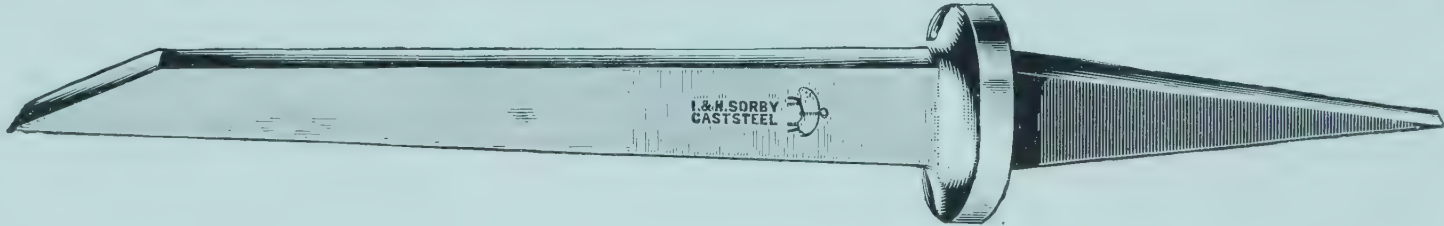
Set of 8 Best Cast-steel Gouges,  $\frac{1}{4}$  to 1-in. Rs. 3-0 per set.  
Set of 12 Best Cast-steel Gouges,  $\frac{1}{4}$  to  $1\frac{1}{2}$ -in. Rs. 6-0 per set.

## CAST-STEEL TURNING CHISELS AND GOUGES.



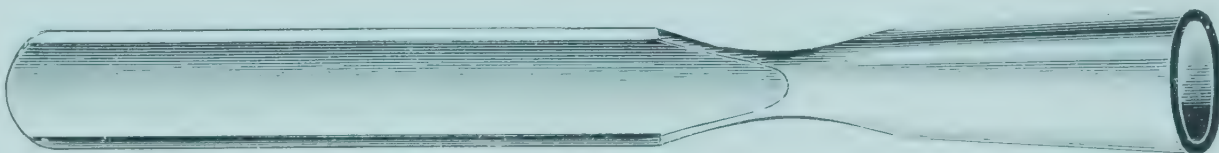
Sorby's in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per doz.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Turning Chisels	4 0 0	5 0 0	5 8 0	6 0 0	7 0 0	8 0 0	9 0 0	11 8 0	14 4 0
Turning Gouges	6 0 0	7 0 0	7 8 0	8 8 0	9 4 0	12 0 0	13 0 0	17 0 0	21 0 0

## WARRANTED CAST-STEEL MORTISE CHISELS (Sorby's).



Sorby's in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per doz.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Mortise Chisels	10 0 0	10 0 0	13 0 0	16 0 0	19 0 0	25 0 0	30 0 0	...	...
Paring Chisels	6 0 0	6 0 0	7 0 0	8 0 0	9 0 0	10 0 0	12 0 0	...	...

## WARRANTED CAST-STEEL SOCKET CHISELS AND GOUGES (Sorby's).



Sorby's in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per doz.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Socket Chisels	8 0 0	8 0 0	8 0 0	9 0 0	9 0 0	10 0 0	10 8 0	13 0 0	15 0 0
Socket Gouges	9 0 0	9 0 0	9 0 0	10 0 0	10 0 0	11 0 0	12 0 0	14 0 0	17 0 0

CHISEL  
HANDLES.FILE  
HANDLES.

Beech Chisel Handle with ferrule. Size for Chisels,  $\frac{1}{4}$ -in. to 1-in., Re. 1-12 doz.  
1-in. to  $1\frac{1}{2}$ -in., Rs. 2-0 doz.

Beech File Handles, assorted sizes, Re. 1-8 doz.

The largest and best selection of Carpenters' Tools in India.

Terms cash.



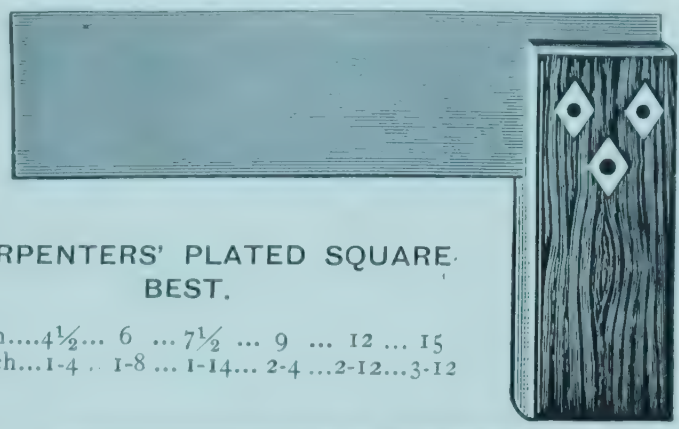
W. LESLIE & CO.,

{

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

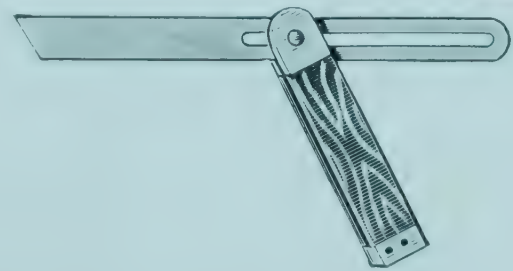
}

CALCUTTA.



CARPENTERS' PLATED SQUARE.  
BEST.

Size, in....4½... 6 ... 7½ ... 9 ... 12 ... 15  
Rs. each...1-4 ... 1-8 ... 1-14... 2-4 ... 2-12...3-12



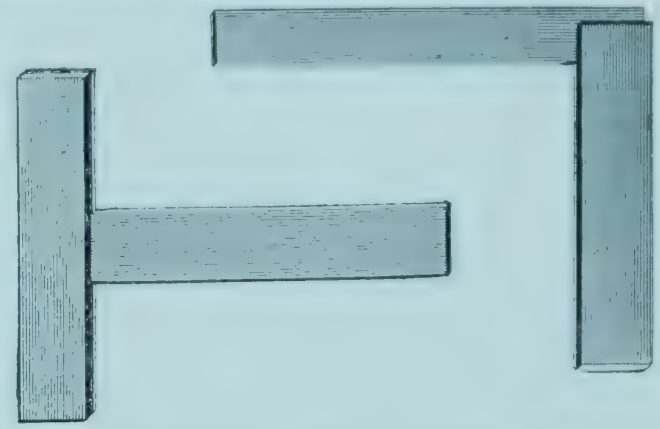
CARPENTERS' BEVEL SQUARES,  
9-in., Rs. 2-4; 12-in., Rs. 3-4.



PLANE IRON, CHISEL AND TOOL  
SHARPENING MACHINE.

This useful machine is fast taking the place of the oil stone, being so simple in use and giving the work a much better finish; a boy can sharpen a plane Iron and ensure having a straight and true edge in less time than the most experienced workman could with a stone.

Price, Rs. each ... 8-12



ENGINEERS' STEEL SQUARES,  
No. 074.

Size, in. ... 6 ... 8 ... 10 ... 12 ... 14  
Price, Rs. each... 2-0 ... 2-4 ... 3-0 ... 3-12 ... 6-0

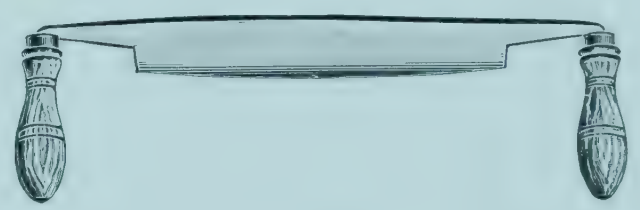
Engineers' Steel Tee Squares, No. 78.

Size, in.... 6 ... 8 ... 10 ... 12  
Price, Rs. each... 2-12 ... 3-4 ... 4-0 ... 5-0

Blacksmiths' Squares.

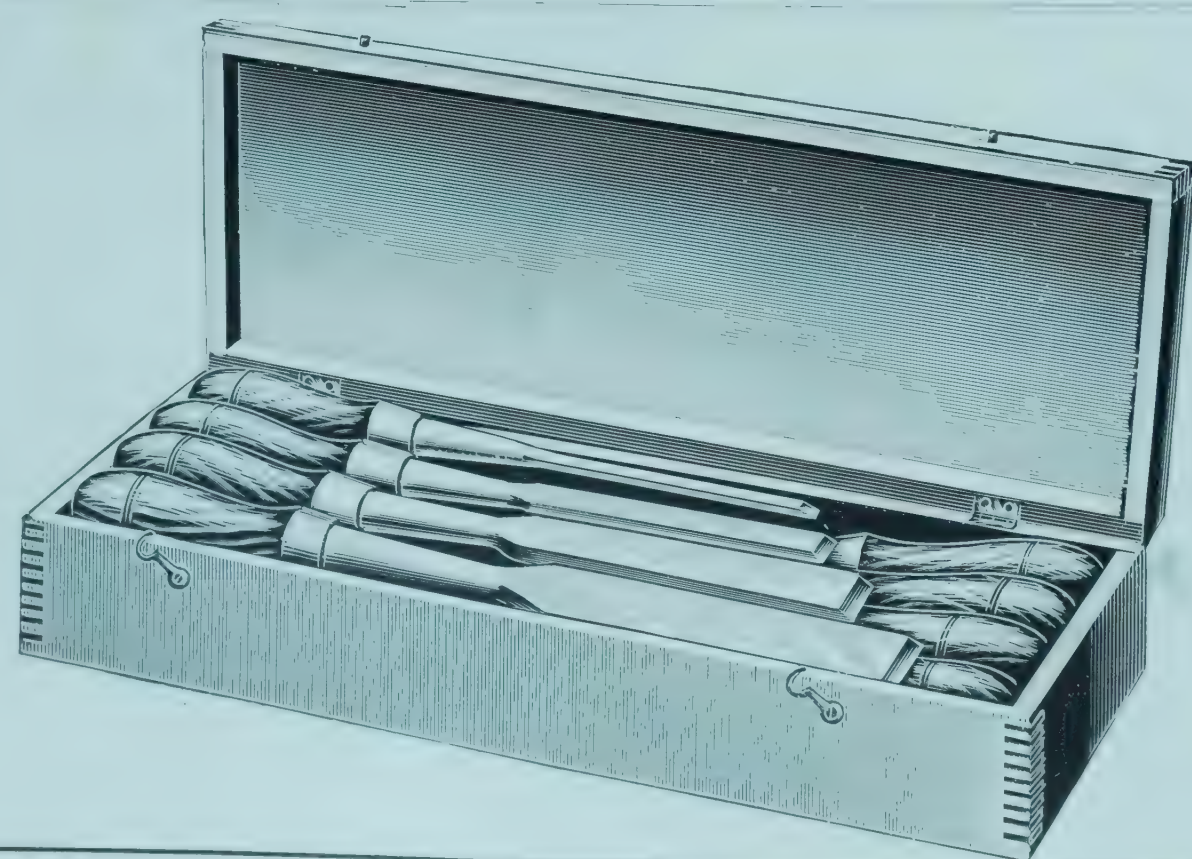
Size, in.... 18 X 12 ... 24 X 13  
Price, Rs. each... 1-6 ... 1-6

CARPENTERS' DRAWING KNIVES.



Carpenters' Drawing Knives.

In. ... 10 ..... Rs. each ... 2-4  
In. ... 12 ..... Rs. each ... 2-12



No. 32.—ONE SET OF 8  
ASSORTED ¼ TO 2 INCH  
SOCKET FIRMER CHISELS  
AND HANDLES.

These are undoubtedly the finest amateur's chisels that can be had for quick and accurate cutting. Price, complete in polished wood case, with hinges and latches.

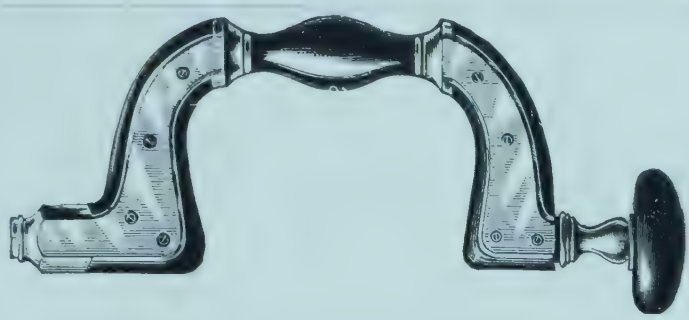
Rs. 16 per case of 8.



W. LESLIE & CO.,

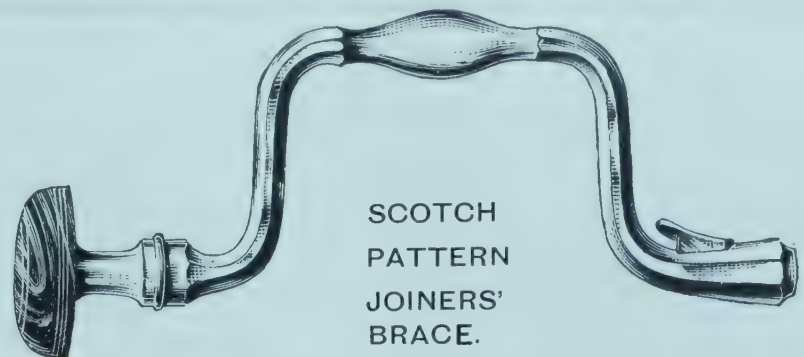
{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
4, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.



ENGLISH PATTERN JOINERS' BRACE.

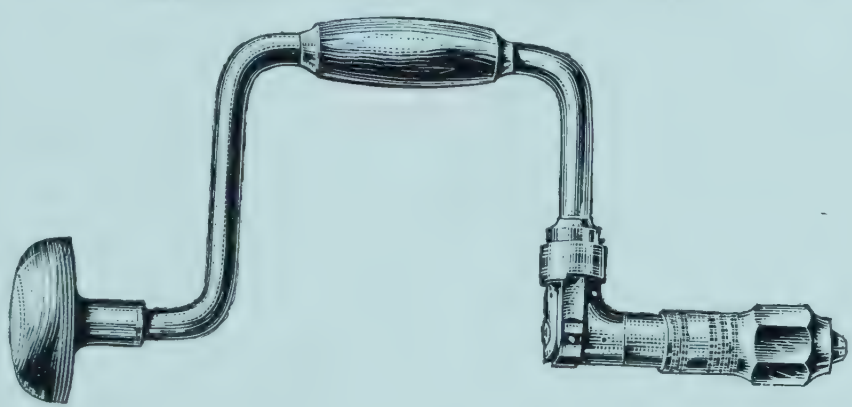
Best beech carpenters' brace with warranted cast-steel bits.  
In sets of 18 pieces. In sets of 24 pieces. In sets of 36 pieces.  
Rs. 12-0 per set. Rs. 15-0 per set. Rs. 18-0 per set.



SCOTCH  
PATTERN  
JOINERS'  
BRACE.

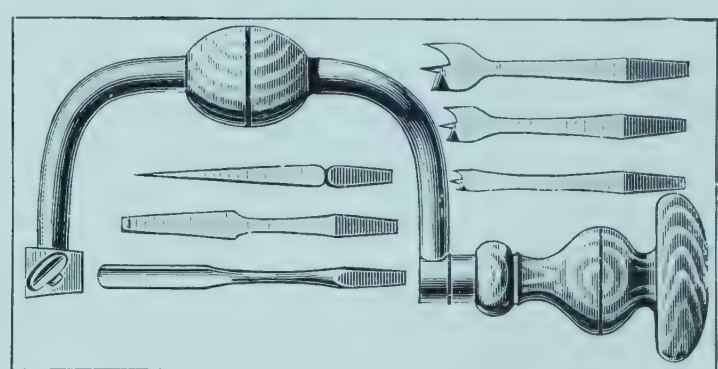
Improved Scotch (iron) carpenters' brace, with warranted cast-steel bits.  
In sets of 18 pieces. In sets of 24 pieces. In sets of 36 pieces.  
Rs. 14-8 per set. Rs. 17-8 per set. Rs. 21-0 per set.

AMERICAN PATTERN JOINERS' BRACE.



- |         |   |          |
|---------|---|----------|
| No. 34. | N.P. steel brace with universal chuck, as illustrated, 8 in., | Rs. 2-8  |
| " 35.   | " " " " " 10 in.,   | Rs. 3-8  |
| " 12.   | Bright " " " and ratchet 9 in.,                               | Rs. 6-0  |
| " 7A.   | N.P. " " " and ball bearings, 12 in.,                         | Rs. 12-8 |

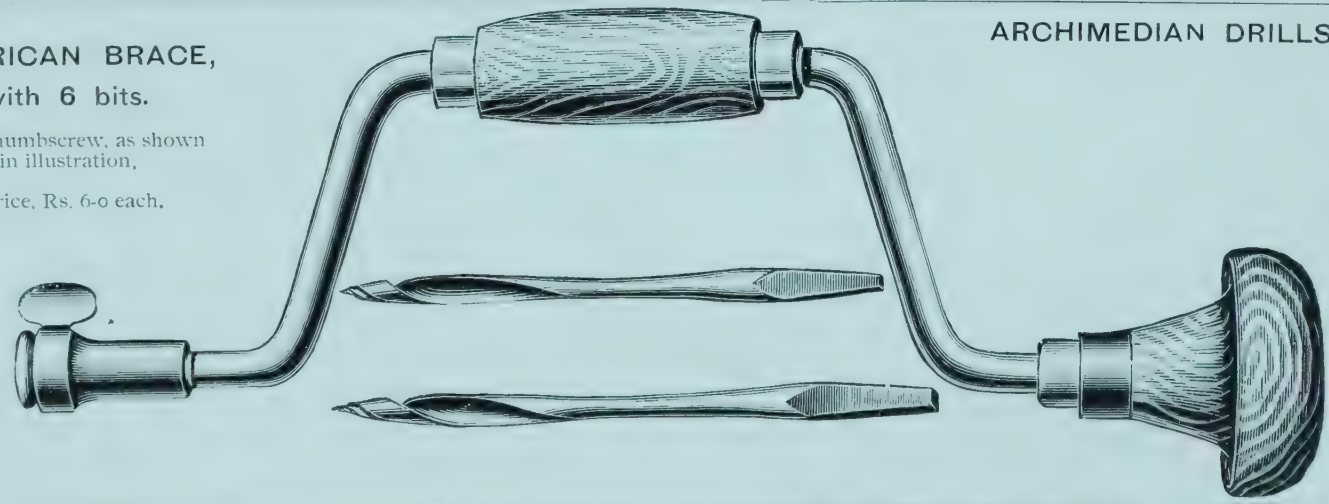
BRACE AND BITS ON CARD.



Complete as above, 3 centre bits and brace, 1 gimlet bit 1 turnscrew bit,  
1 square rymmer bit. Price, Rs. 2-4 set.

AMERICAN BRACE,  
with 6 bits.

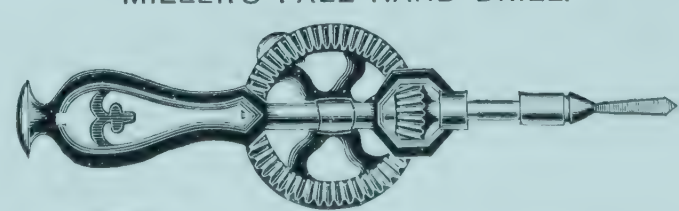
With thumbscrew, as shown  
in illustration,  
Price, Rs. 6-0 each.



ARCHIMEDIAN DRILLS WITH BITS.

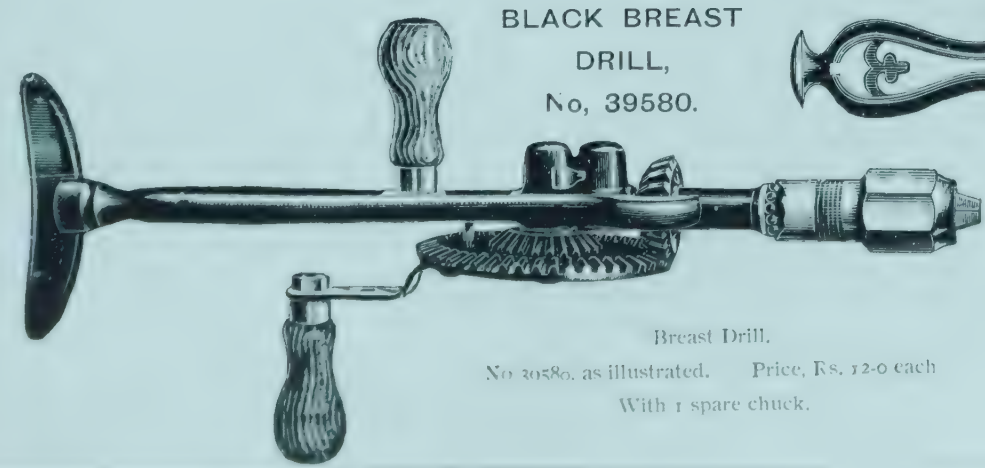


MILLER'S FALL HAND DRILL.



With 6 best steel bits, assorted.  
All iron with cog wheel, and cog as illustrated.  
Price, Rs. 2-0 each.  
Extra sets of drills, Re. 1-0 per set in case.

BLACK BREAST  
DRILL,  
No. 39580.



Breast Drill.  
No 39580, as illustrated. Price, Rs. 12-0 each  
With 1 spare chuck.

All Tools are subject to fluctuation in price.

Terms cash



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.



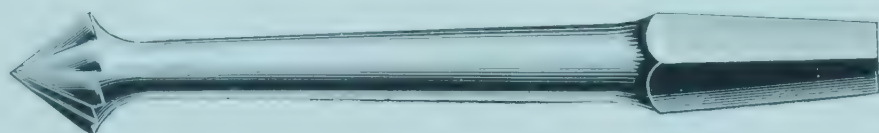
DOUBLE-TWIST SCOTCH SCREW AUGERS (EYED) SORBY'S.

in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Rs.	10-8	11-0	11-8	12-0	15-0	18-0	21-0	27-0	30-0	33-0	46-0	52-8 doz.

CAST-STEEL SHELL AUGERS (EYED),

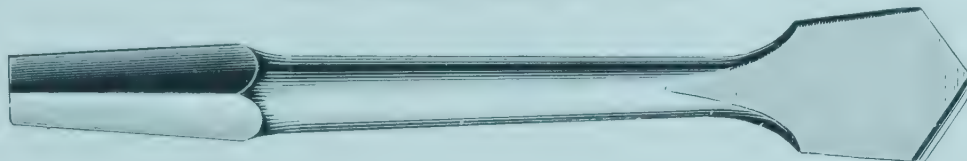
in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Rs.	9-10	12-1	16-12 doz				

No. 39212. ROSE-HEADED BITS.



Size in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
As.	0-5	0-6	0-6	0-6	0-8	0-8	0-8	0-10	Rs. 12 each.

C-S. COUNTERSUNK BITS.



Flat Countersunk, assorted sizes, as illustrated. As. 0-8 each.

Cast Steel Rimer.



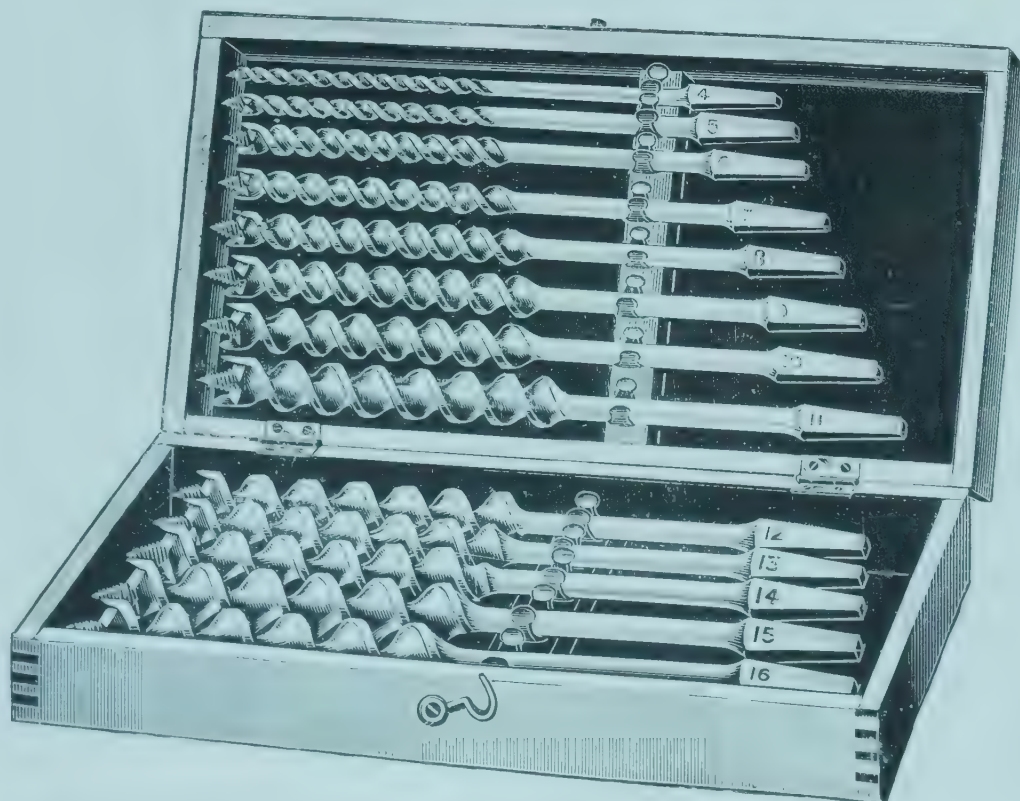
Square Cast Steel Rimer, as illustrated. As. 0-10 each.

Shell and Spoon Bits.



Size, in.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
As.	0-8	0-8	c-8	0-10	0-10 each.

High-Class Carpenters' Auger Bits. As illustrated.



One set of Carpenter's No. 34 Double Super Auger Bits, extra quality, solid Cast-steel, 9 bits to a set, viz., 4, 5, 6, 7, 8, 9, 10, 11, 12- 6ths of an inch. Price in polished wood, case with hinges and latch, Rs. 13-8 set.

One set of Carpenter's No. 13, as above. Price, Rs. 17-8

CAST STEEL CENTRE BITS.



Size in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
As.	0-5	0-6	0-6	0-6	0-8	0-8	0-8	0-10	0-12 ea.

Best Quality Gimlets.

Best Twist Gimlets, as illustrated, assorted sizes, Rs. 2-12 per doz  
Best Auger Gimlets.

Size, in.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Rs.	4-0	4-0	5-0	5-0	6-0	8-0	9-0 doz.

Carpenters' Best Quality Bradawls.

Best Quality Joiners' Bradawls, Rs. 1-6 doz.  
Marking Awls, As. 0-6 each.

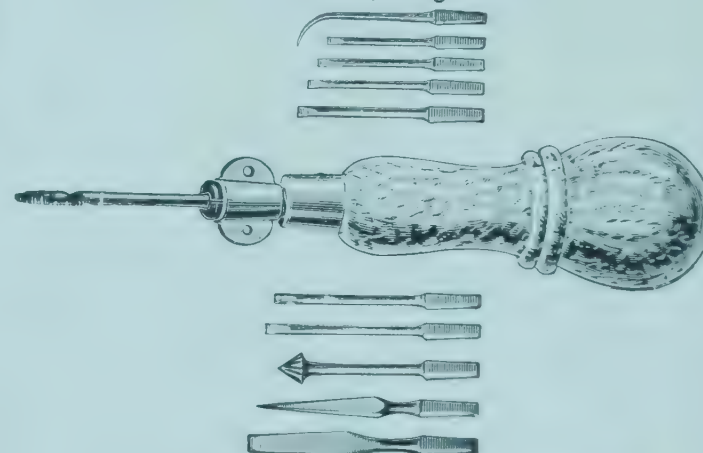
SCREW AUGER BITS.



C-S. Double Twist Auger Bits	in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Do. single	Rs.	1-2	1-2	1-2 each.
Do	"	0-12	0-12	1-0 ..

C-S. Double Twist Auger Bits	in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Do. single	Rs.	1-6	1-10	1-2	2-0 each.
Do	"	1-0	1-4	1-8	1-8 ..

Patent Tool Pads, Adjustable.



Containing an assortment of tools with adjustable chuck which grips the shank of the tool: the handle is hollow holding the tools when out of use.

Large Size with 12 Bits	..	Price, Rs. 2-8
Small " " 20 " "	..	" " 2-8
Best Rosewood handle, 12 Bits..	..	" " 2-8
" " " 20 Bits ..	..	" " 2-8



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD. } CALCUTTA.

BEECHWOOD SPOKE SHAVES.



Blades, in.	...	...	...	...	...	2½	3	3½
Price, each	...	...	...	...	...	As. 0-12	Rs. 0-14	Rs. 1-2

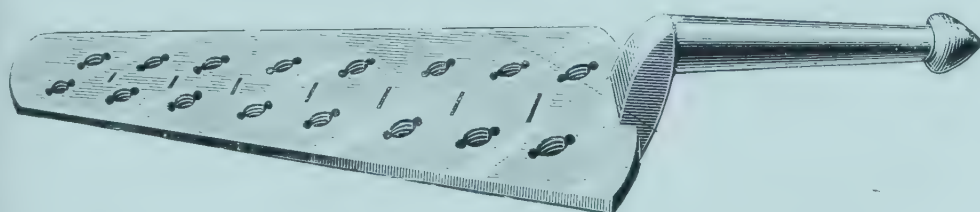
## STRAIGHT CALLIPERS.



Size, in.	...	...	...	6	8	10
In and Out Callipers,	Rs. each,	1-8,		1-14,	2-4	
Straight Callipers,	Rs. each,	1-8,		1-14,	2-4	

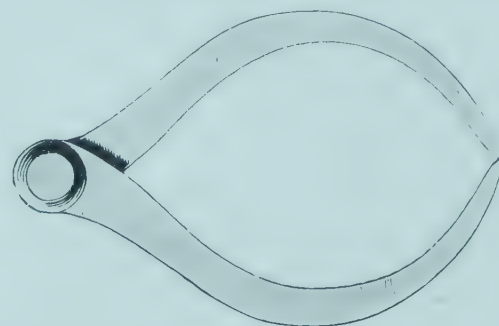
## Engineers' Screw Plates.

As illustrated,



Size (Hole)	...	...	...	6	8	9	10	12	14
Price, Rs. each, complete	...	...	...	3-12	4-8	5-0	6-0	8-0	10-0

### Egg-shape Callipers.



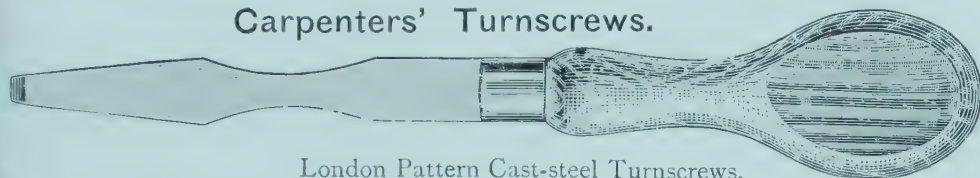
Egg-shape Callipers, as illustrated, 6-in., Rs. each, 1-8

## Timber Scribe.



BEST WARRANTED LONDON PATTERN TURNSCREW.

## Carpenters' Turnscrews.

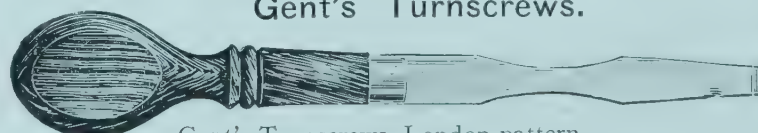


London Pattern Cast-steel Turnscrews.

Length of blade, in.	4	5	6	7	8	9	10	12	15
Price, As. each...	0-8	0-10	0-12	0-14	Rs. 1-0	1-4	1-8	1-12	2-4

The "Hercules" Turn screws, in. ... ..	4	6	8
Price, all steel, As. ... ..	0-12	Rs. 1-4	1-12

## Gent's Turnscrews.



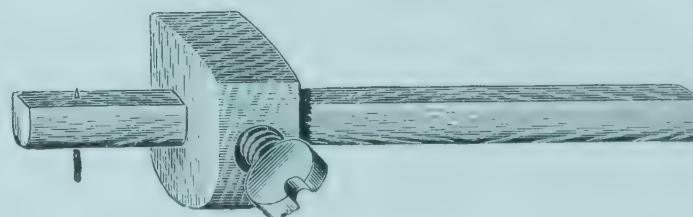
Gent's Turnscrews, London pattern.

Size of blade, in.	...	...	3	4	6	8
Price, As. each...	..	...	0.6	0.8	0.10	0.12

Clock Turnscrews, ebony handle.

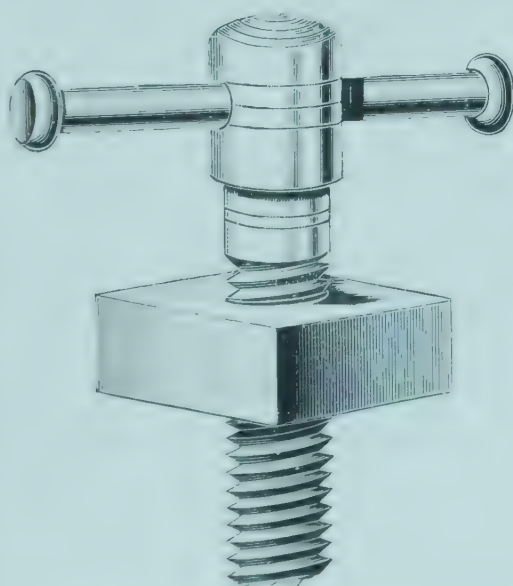
Size, in. . . . .	...	...	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{8}$
Price, As. each . . . . .	...	...	...	0-12	Re. 1-0	1-4

### Beechwood Marking Gauge.



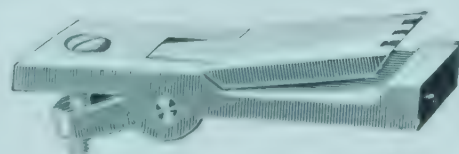
Beechwood Marking Gauges	...	...	...	As. each, 0-10
Beechwood Cutting Gauges	...	...	...	As. each, 0-14
Mortice Gauges	...	...	...	Rs. each, 1-14
Carpenters' Pencils	...	...	...	As. per doz. 0-12

## Wooden Bench Screws.



Wooden Bench Screws, 2½-in., with nut, Rs. each, 2-2	5	6
Wooden Mallet, square, in. ....	2-8	3-0
Price, Rs. each .....		

### Bench Stop.



Improved Patient  
Home Safety and  
Quality of Life  
Study (2002)  
and ultimately a  
national law.  
Vicki R. Buck, MD

Brass Plumb Bobs.

(oz. ... ..	8	12	16
Rs. each ... ..	1-8	1-12	2-4

## Boiler Tube Brushes, Brass Wire.

In. . . . .	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
Re. each . . . .	1-0	1-0	1-0	1-4	1-4

## Boiler Tube Brushes, Steel.

In. ...	...	...	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
As. each	...	...	0.12	0.12	Re. 1.0	1.0	1.0

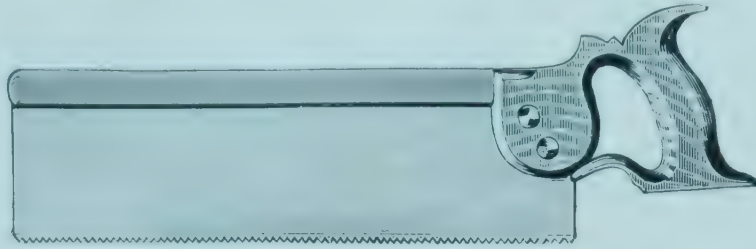
## Moulder's Steel Wire Brushes.

No.	...	...	...	...	...
Price, Re. each	...	...	...	...	...



# LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

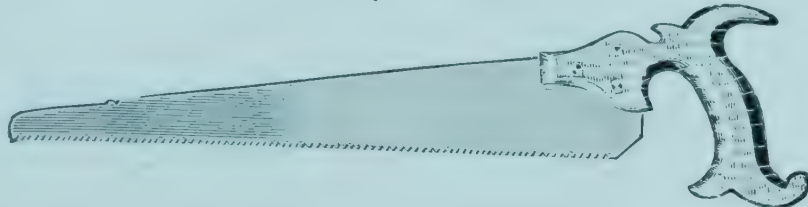
## Best Steel Blued Back Tennon Saw.



Tennon Saws—best Steel.

In. ...	...	...	...	8	...	10	...	12	...	14
Rs. each ...	...	...	...	2-4	...	2-8	...	2-12	...	3-0

## Compass Saw.



Compass or Lock Saw, best quality—

In. ...	...	...	...	12	...	14	...	16
Rs. each. ...	...	...	...	1-2	...	1-4	...	1-12

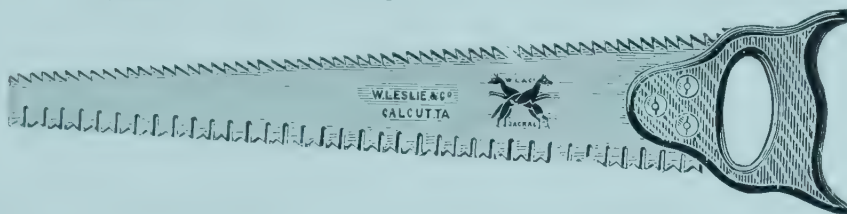
Pad Saw, Re. 1-8

## Band Saws (Sorby's)

In. ...	$\frac{3}{4} \times 22$	...	$1 \times 22$	...	$1\frac{1}{4} \times 22$
Rs. each...	9-8	...	10-8	...	13-8

Billet or Canada Saws, 48-in.  $\times$  4-in., Rs. 6-8 each.

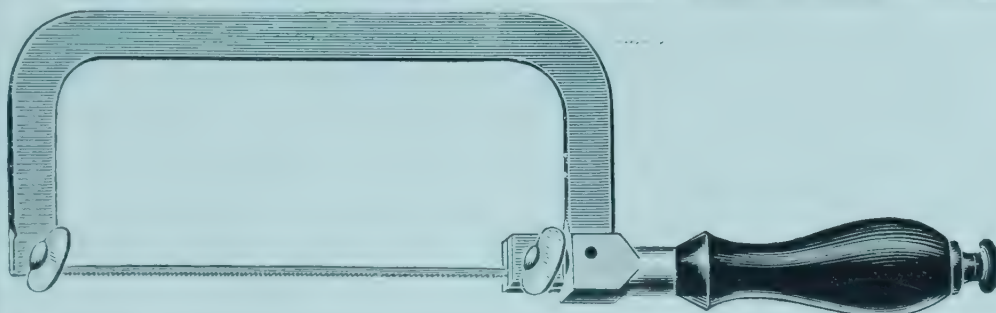
The great American Pruning Saws, with large lightning tooth, suitable for Tea Gardens, Forests, &c. We draw the special attention of managers to this Saw.



14-in. blade, Rs. 1-8 each ... 16-in. blade, Rs. 1-12 each.

## Best Cast-steel Pruning Saws for Tea Gardens—

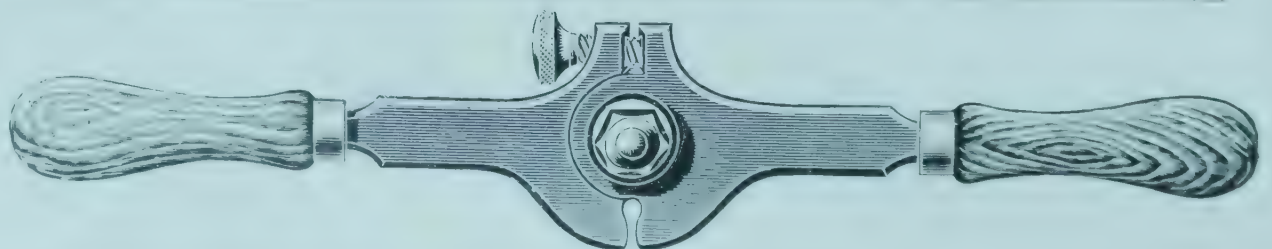
Ordinary pattern; size, in. ...	12	...	14	...	16
Pruning Saws; Rs. each. ...	0-12	...	0-14	...	1-2



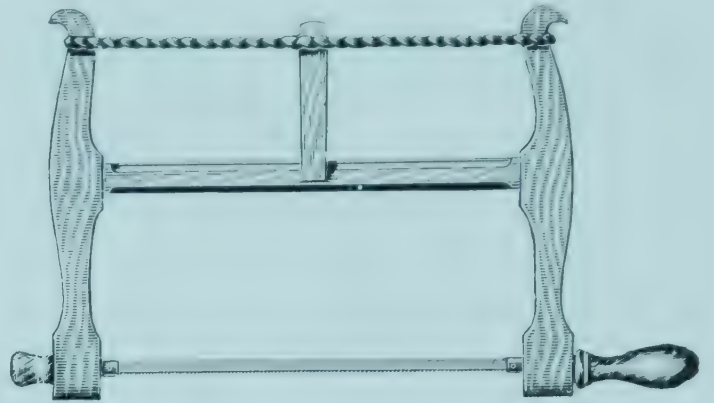
Patent Star Hack Saws, with 12 extra Blades, as illustrated.

Size, 8-in. and 10-in ...	...	Price, Rs. each, 3-12 and 4-8
Extra Saw Blades ...	...	Rs. per dozen, 2-12 and 3-4

The New Samson Saw Sets as illustrated, with Handles with Pinching Screw for regulating Gate. This set will work any thickness of Blade. Price, Rs. 8 and Rs. 10 each.



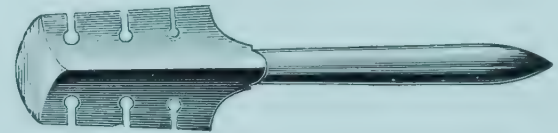
## Best Cast-Steel Turning Saws.



Turning Saw, as illustrated.

Size, in. ...	...	14	...	16	...	18
Rs. each ...	...	4-0	...	4-12	...	5-8
Fret Saw Frames, 12-in. long	...	...	...	Price, Rs. 1-14 each.	...	...
Fret Saw Blades, Nos. 1 to 7	...	...	...	Price, As. 0-5 per doz.	...	...

## Pit Saw Sets.

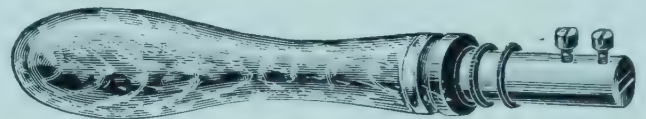


Pit Saw Sets, 5 and 6 holes, Rs. 1-2 each.

## Hand Saw Sets.

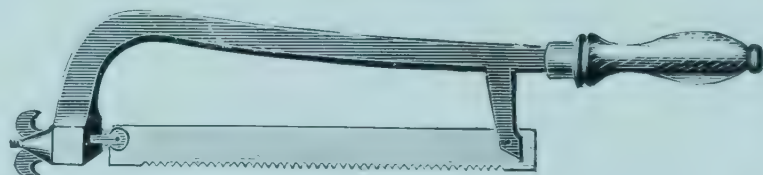


Hand Saw Sets, as illustrated, As. 12 each.



Pad Saws, Rs. 1-8 each.

## Iron Bow Saw.



Bow Saws for Cutting Iron—

Size, in. ...	10	...	12	...	14	...	16 Blade.
Price, Rs. each...	3-12	...	4-8	...	4-12	...	5-4

Solid Steel Back Hack Saw Frames, 8-in. Rs. 3-8.

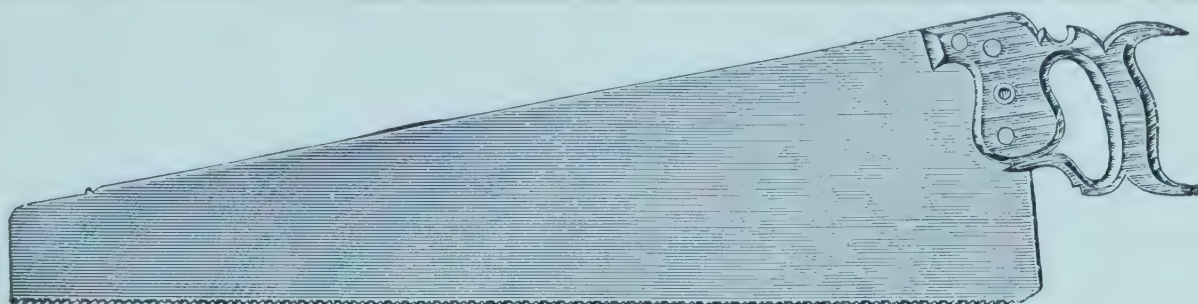
Blades for Bow Saws, in. ...	10	...	12	...	14	...	16
Rs. each ...	...	...	0-10	...	0-12	...	0-14 ... 1-0



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

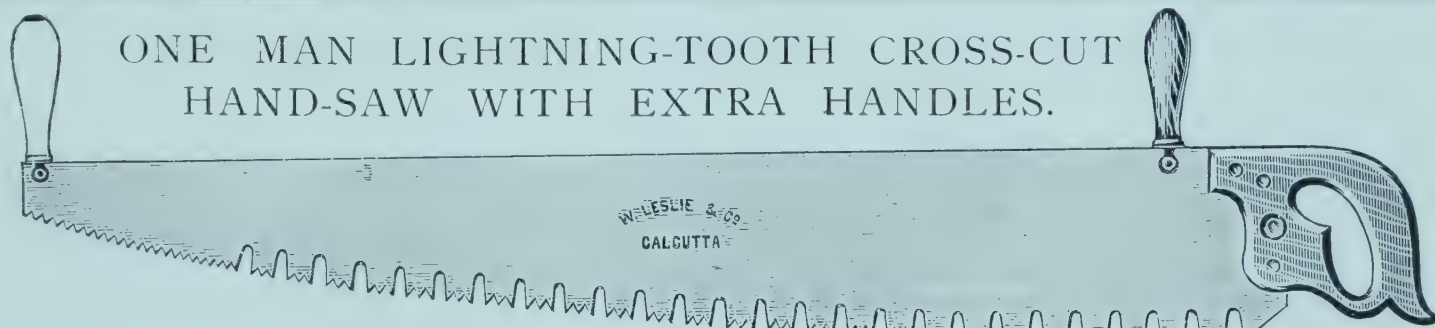


Best Steel Ripper (Hand)  
Saws, for Green Wood.

Size	...	...	...	26-in.
Rs.	...	...	...	2-12 ea.

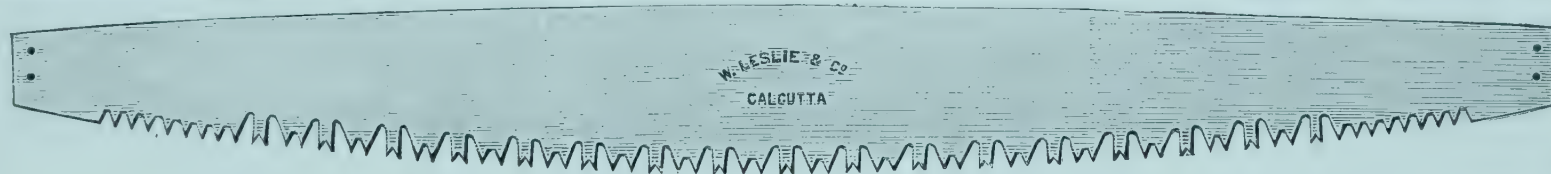
Hand Saws, Taylor's Damascus Steel Blade, best quality patent ground thin to back.

Size	18-in.	20-in.	24-in.	26-in.
Rs.	1-10	1-14	2-2	2-8 each,



ONE MAN LIGHTNING-TOOTH CROSS-CUT  
HAND-SAW WITH EXTRA HANDLES.

ONE MAN LIGHTNING SAW.—Size 30-in.—Rs. 5-12 each. 36-in.—Rs. 5-14 each. 42-in.—Rs. 6-8 each. 48-in. long—Rs. 7-4 each.



Sheffield Cast Steel, and the Great American Lightning-Tooth Cross-Cut Saws.

Size	5½-ft.—Rs. 7-4.	...	6-ft.—Rs. 7-12.	...	6½-ft.—Rs. 8-8.	...	7-ft.—Rs. 9-4.
------	-----------------	-----	-----------------	-----	-----------------	-----	----------------

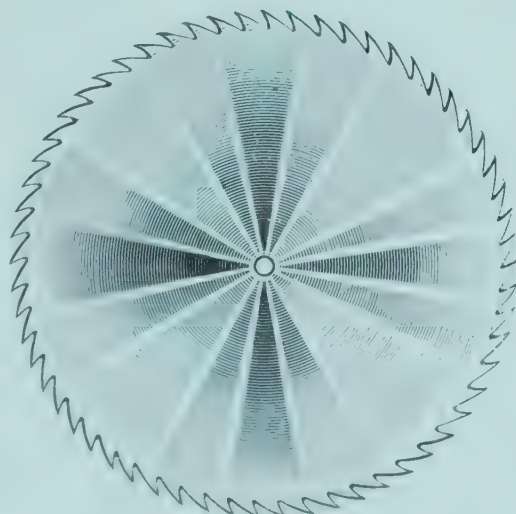
BEST CAST-STEEL PIT SAWS.



Best quality Cast-Steel Pit Saws, 6-ft.—Rs. 10-0, ... 7-ft.—Rs. 11-0 each.

Cast-Steel Pit Saws, 6½-ft. for Railway Companies, Tillers, and Boxes (Handles), Timber Companies, and Tea Companies. Price, Rs. 4-12 each.

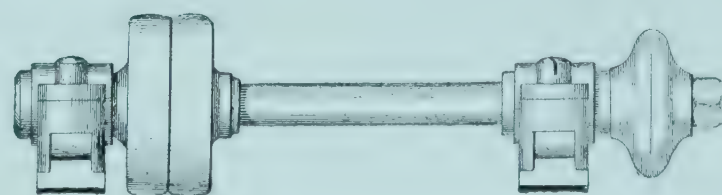
Best Cast-Steel Circular Saw.



BEST STEEL CIRCULAR SAWS.

Size	12	18	24	30	36	42	48-inch.
Rs.	6-8	11-8	18-8	27-8	46-0	70-0	100-0 each.

Circular Saw Spindles.



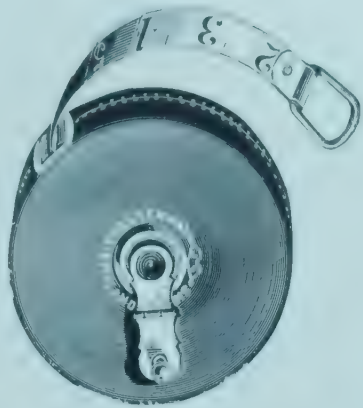
Circular Saw Spindles, with improved Metal Frame, complete with Pedestals Collars, Plummer Blocks, and Fast and Loose Pulleys; a most complete, strong, and compact Spindle.

Size	...	1¼	1½	1¾	2-in.
Price, Rs.	50-0	...	60-0	...	70-0 ... 80-0.

We hold the largest stock of Saws in India.



# W. LESLIE & CO., { <sup>2,</sup> CHOWRINGHEE ROAD, <sup>47,</sup> MUTTY LALL SEALS STREET, <sup>41,</sup> DHARAMTALA STREET, <sup>2-6,</sup> CHOWRINGHEE ROAD, } CALCUTTA.



The Metallic Tape has held its position as the best Woven Tape manufactured, due to the care that has been taken in its manufacture, but latterly it has been so widely imitated that it has often suffered in reputation. Customers are cautioned against accepting the statements of interested parties that theirs are the "same as Chesterman's." Your safe-guard is to notice the Name and Trade Mark.

								Feet.	50	66	100
Chesterman's Metallic Tapes, No. 34 L	...	...	...	...	...	...	...	Rs.	4-8	6-8	7-14
" Steel Tapes, No. 38 L	...	...	...	...	...	...	...	"	16-8	...	28-0
" Metallic Tapes only (without case) No. 34 L	...	...	...	...	...	...	...	"	3-8	4-4	6-8
										6 feet	
Spring Linen Tapes, No. 302	...	...	...	...	...	...	...	...	...	Rs.	1-12 each
" Steel " No. 36 ss	...	...	...	...	...	...	...	...	...	"	3-4 "
Lockie's Improved Drawing Scales in set	...	...	...	...	...	...	...	...	...	"	1-0 per set

## JOHN RABONE'S METALLIC WIRED TAPE MEASURES.

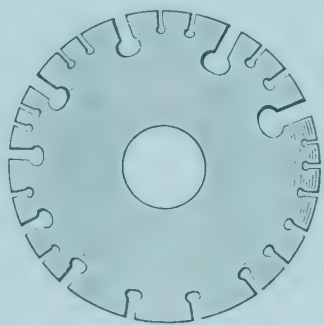
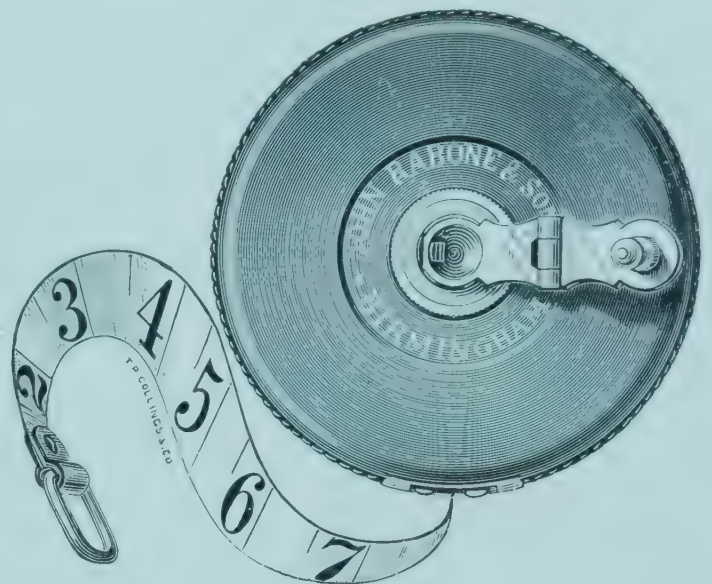
These tapes are specially made for us of best fine Linen, and a great improvement has been made in the weaving of the Metallic Wires into the tape, which will greatly improve its durability and enhance the high reputation Rabone Metallic Tape already bears.

		Size, feet	50	100
No. 400. Leather case, folding handle, best metallic,	Rs. each	4-4	7-4	
" 260. " " best linen tape, "		3-4	5-4	

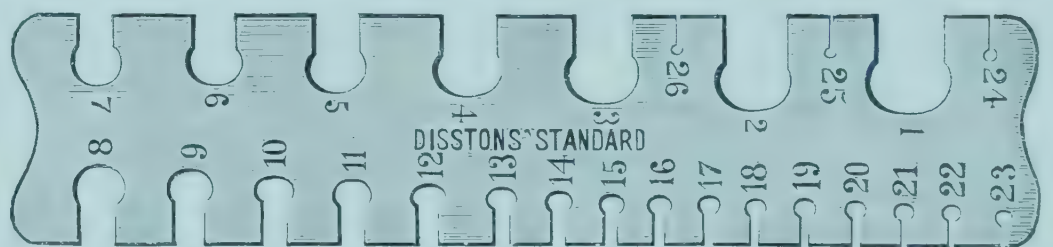
## RABONE'S STEEL WIND UP MEASURING TAPES.

These are the only Permanent Standards of long lengths. For testing Chains and Woven Tapes they are indispensable.

	Size, feet	50	100
No. 415. Steel band tape, flush handle, leather case,	Rs.	15-12	27-0



## WIRE GAUGES.



Standard, legal, 1884, oblong, No. 658,  
1 to 26, Rs. 5-0.  
Standard, legal, 1884, round, No. 659,  
1 to 26, Rs. 5-0

Birmingham, 658½, oblong, 1 to 26,  
Rs. 5-0.  
Birmingham, 659½, round, 1 to 26,  
Rs. 5-0.

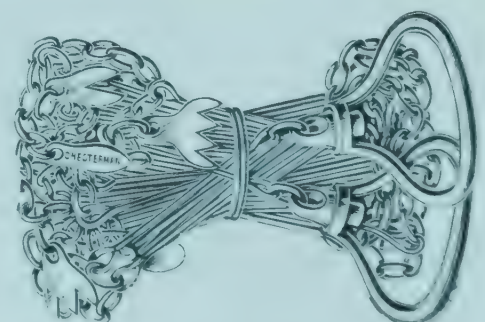
Nettlefold's Screw Gauge, Rs. 17-8.  
Chesterman's Calliper, Rs. 5-4.  
Linen Provers, ¼ in. hole, Rs. 1-14

## LAND MEASURING CHAIN.

Land Measuring Chain, made of the best cast-steel wire, hardened and tempered, with oval rings, brass swivel handles and tallies, 100 feet.  
Price, Rs. 7-14 each. Sets of 10 arrows, 15 inches long, Re. 1-6.

Salter's Improved Standard Measuring Rod, as used in all military stations, with cast-iron foot plate and upright brass tube. Price, Rs. 28 each.

Land Measuring Steel Tapes. The band can be instantly detached from case for use as chain and can be as readily wound up as an ordinary tape.





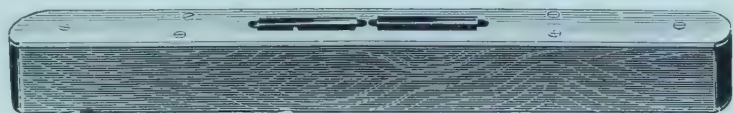
# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
17, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

# CALCUTTA.

## BOXWOOD FOOT RULES (John Rabone & Sons).

Rabone's Spirit Levels, Warranted Correct.



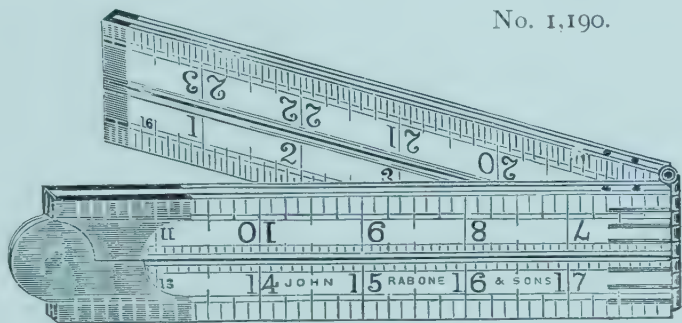
No. 1,326, Spirit Levels, brass, single-plated Size, in. 10 12 14 16 18  
Price, Rs. 1-0 .. 1-2 .. 1-6 .. 2-0 .. 2-4 each.  
No. 1,238, Spirit Levels, strong brass, double-plated Rs. 2-4 .. 2-12 .. 3-4 .. 3-12 .. 5-0 ..



Stanley's Plumb and Spirit Level. Brass-plated Top.  
Size, in. 24 26 28 30  
Price, Rs. 4-8 .. 4-10 .. 4-12 .. 5-0  
Spirit Level Tubes, Size, in. 4 4½ 5  
Price, As. 0-8 .. 0-8 .. 0-8 each.

### Best Boxwood Foot Rules.

No. 1,190.

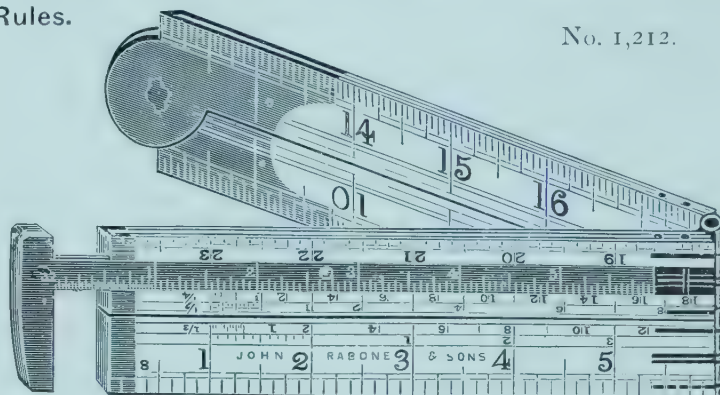


No. 1,169, 2 feet, 4-fold, 1-inch wide, marked in 8ths and 16ths. Rs. 9-0 doz.

No. 1,377, 2 feet, 4-fold, 1½-in. wide, marked in 8ths, 10ths, 12ths, and 16ths. Rs. 9-12 doz.

No. 1,119, 2 feet, 4-fold, 1½-in. wide, the inside edges of these Rules are bevelled and marked with various drawing scales, and are much esteemed by architects, builders, carpenters, and all who draw work from plans. Price, Rs. 25-0 doz.

No. 1,122, 2 feet, 4-fold Foot Rules, German silver joint. Rs. 46-0 doz.



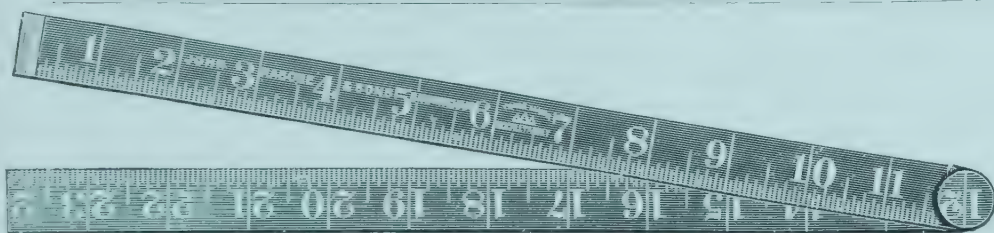
No. 1,212.

No. 1,380, 2 feet, 4-fold, 1½-in. wide, marked Re. 1-4 each.

No. 1,208, 2 feet, 4-fold, 1½-in. wide, marked in 8ths, 10ths, 12ths— with brass slide. Rs. 24-0 doz.

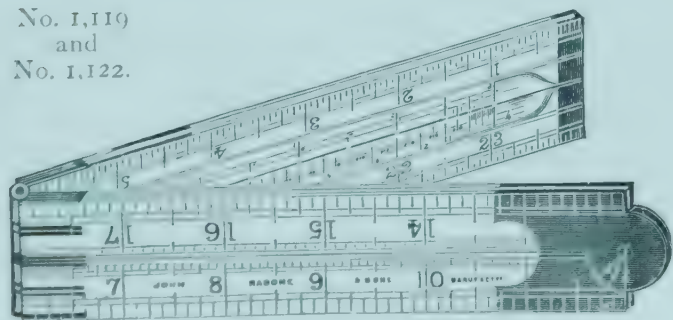
No. 1,212, 2 feet, 4-fold, 1½-in. wide, marked in 8ths, 10ths, 12ths, 16ths. Ironmonger's Foot Rule, with brass sliding calliper Gauge. Rs. 3-4 each.

No. 1,190, 2 feet, 4 fold, 1½-in. wide, marked in 8ths, 10ths, 12ths, and 16ths, with Spirit Level and Brass Defries' measure. Rs. 4-12 each.

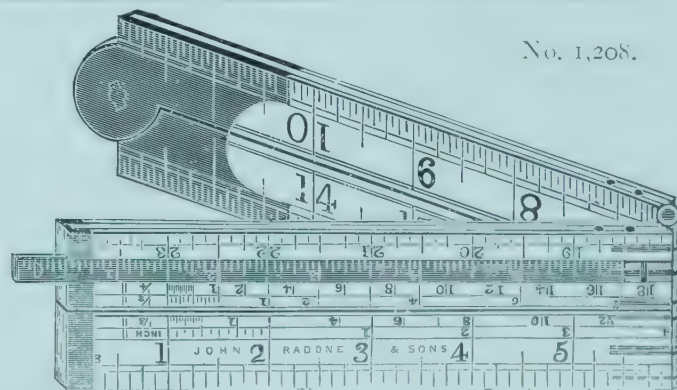


No. 1,312, 2 feet, 2-fold, 5/8-in. wide, steel ... As. 0-14 each.  
.. 1,494, 2 " 2 " Flexible Brass Rule ... " 0-12 "  
.. 1,296, 1 foot, 4 " 3/8-in. wide, marked in 8ths Re. 1-12 "  
.. 1,132, Shoemakers' Sticks, 3/4-in. wide ... " 1-4 "

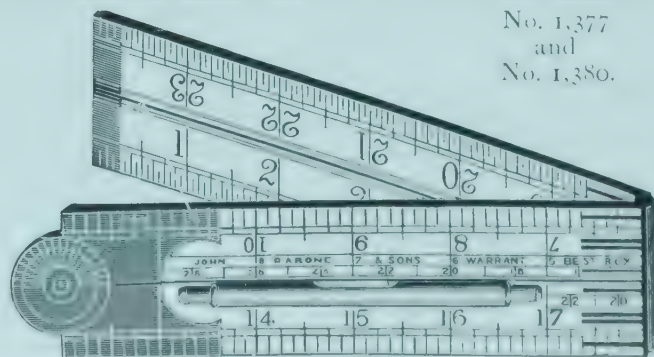
No. 1,119  
and  
No. 1,122.



1 foot, 4-fold, No. 1,151, Boxwood Rule Price, Rs. 1-12 each.  
.. 1,266, Ivory Rule " " 2-4 "



No. 1,208.



No. 1,377  
and  
No. 1,380.

1 foot, 4-fold, No. 1,265, ... Price, Rs. 2-12 each.  
2 feet, 4 " 1,280 ... " " 10-0

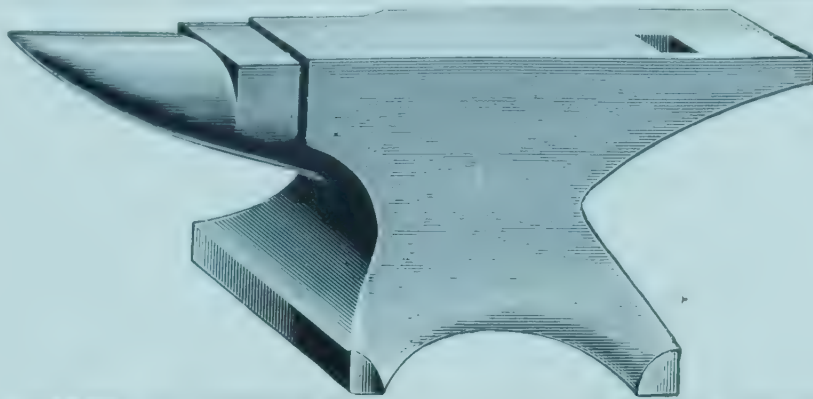
Terms Cash.

We hold the largest stock of Rules, Tapes, and Levels in India.

Terms Cash



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

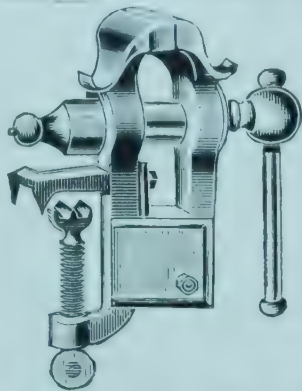


### Blacksmith's Best Scrap Anvil.

Blacksmiths' Anvils made from best Scrap. We hold the largest and best selected stock of Anvils in India.

Weighting about cwt.	4	3	2	1	$\frac{1}{2}$
Rs. per cwt.	20-0	20-0	21-0	22-8	25-0

Special quotations for quantities.

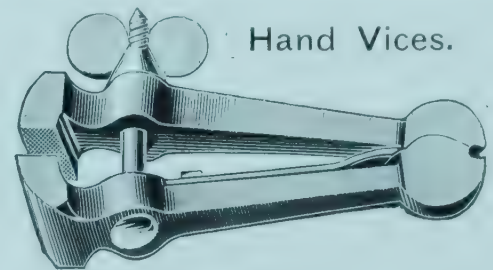


### Table Vices for Fitters.

Weight, lbs.	4	5	6	7	8
Price, Rs. each	4-8	5-4	6-8	7-12	8-4

### Table Vices for Fitters.

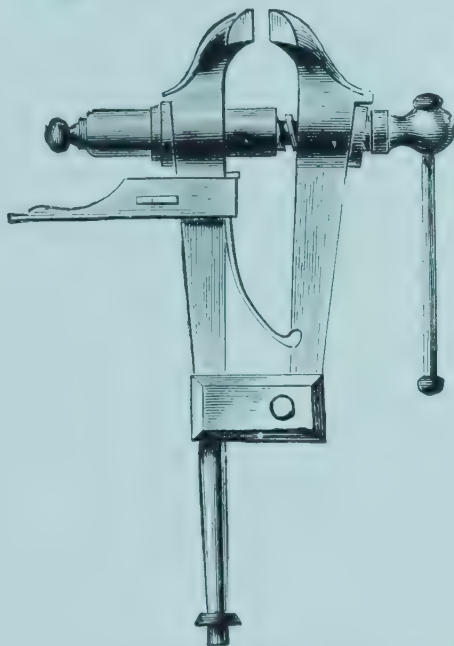
Size, inches	4	4 $\frac{1}{2}$	5	6
Length of jaw, in.	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{8}$
Weight, lbs.	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$
Price, Rs. each	4-8	5-0	5-12	6-8



### Hand Vices.

### Hand Vices for Fitters.

No. 817, in.	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6
Rs., each	1-8	1-10	2-0	2-8	3-4	4-8



### Best Warranted Black Staple Vice, as illustrated.

Black Staple Vices, Turned Pin, Solid Box, Steeled Jaw, most suitable for all kinds of Engineering, Jobbing on Tea Gardens, Indigo Factories, etc., when Machinery has to be repaired on the spot.

Length of Jaw, inches	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	7	8
Price, Rs. per cwt.	35-0								

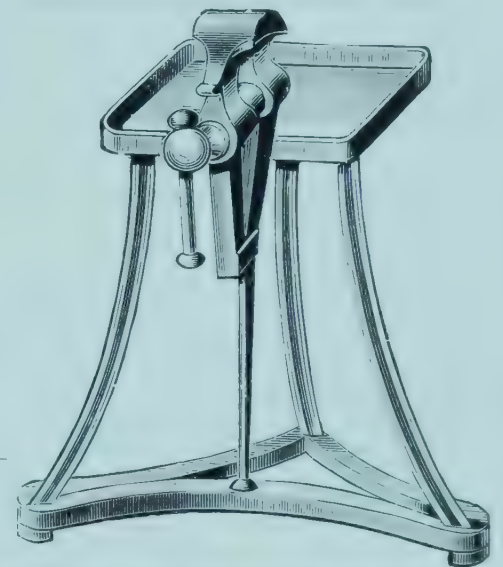
### Improved Vice Bench and Vice.

This Vice Bench and Vice is one of the most indispensable Tools, and no workshop or Foundry should be without them; they are strong and portable.

Improved Vice Bench and Vice, as illustrated, fitted with best quality Staple Vice.

Size of Vice, ins. jaw	3½	4	4½	5	5½	6		
Rs.	...	...	50-0	54-0	57-8	60-0	70-0	80-0

See our complete list of Blacksmiths' Tools.



### Vice Benches without Vice.

For Vices up 4-in. jaw	...	Rs. 31-8		For Vices up to 6-in jaw	...	Rs. 33 each.
------------------------	-----	----------	--	--------------------------	-----	--------------

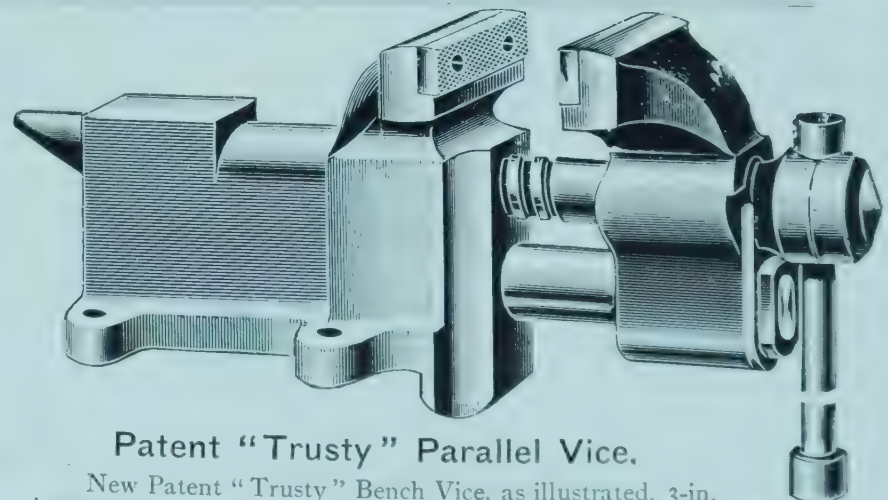
### Climax Sudden Grip Parallel Vice.



Ins., jaw	4	5	6
Rs., each	40-0	50-0	70-3
Patent Wood Working Vice, 9-in. jaw.			Price, Rs. 17-8

### Parkinson's Patent Perfect Vice.

Size, ins.	3 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{1}{4}$	5 $\frac{1}{4}$
Price, Rs. each	28-0	35-0	40-0	45-0



### Patent "Trusty" Parallel Vice.

New Patent "Trusty" Bench Vice, as illustrated, 3-in. jaw, will take up 3-in with Anvil at back and strong square thread screw, a most useful tool. Price, Rs. 13 each.

All subject to fluctuation without notice.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## CANTEEN AND PLATE CHEST.

SPECIALLY SUITABLE FOR COLONIAL USE.

These Plate Chests, made throughout in Sheffield of the best seasoned wood, are strongly recommended by them for hard wear. They are finished in a very superior manner, French polished, and lined throughout with cloth. A separate fitting is made for each article. Other Chests are made in various sizes, and fitted to suit customers' requirements.

*Special Estimates, giving full details of Fittings and Cost, will be sent post free on application.*



FIRST SIZE CANTEEN CONTAINS:—		SECOND SIZE CABINET CONTAINS:—		THIRD SIZE CABINET CONTAINS:—	
	Old English Pattern.		Old English Pattern.		Old English Pattern.
12 Balance Handle Dessert Knives ...	...	12 Balance Ivory Handle Dessert Knives ...	...	18 Balance Ivory Handle Table Knives ..	...
1 Pair " Meat Carvers ...	...	1 Pair " " Meat Carvers ...	...	18 " " " Cheese " ...	...
1 " " Poultry " ...	...	1 " " " Poultry " ...	...	1 Pair " " Meat Carvers ...	...
1 " " Steel ...	...	1 " " " Steel ...	...	1 " " " " (extra size)	...
12 Electro-silver Dessert Forks ...	...	12 Electro-silver Dessert Forks ...	...	1 " " " Poultry Carvers...	...
3 " Table Spoons ...	...	6 " Table Spoons ...	...	1 " " " Steel ...	...
12 " Dessert " ...	...	12 " Dessert " ...	...	18 Electro-silver Table Forks...	...
12 " Tea " ...	...	12 " Tea " ...	...	18 " Dessert Forks ...	...
3 " Egg " gilt bowls ...	...	6 " Egg " gilt bowls ...	...	9 " Table Spoons ...	...
3 " Salt " ...	...	4 " Salt " ...	...	18 " Dessert " ...	...
1 " Mustard " ...	...	1 " Mustard " ...	...	18 " Tea " ...	...
1 " Soup Ladle ...	...	1 " Soup Ladle ...	...	12 " Egg " gilt bowls ...	...
1 " Sauce " ...	...	2 " Sauce " ...	...	6 " Salt " ...	...
1 " Gravy Spoon ...	...	1 " Gravy Spoon ...	...	2 " Mustard " ...	...
1 " Pickle Fork ...	...	1 " Pickle Fork ...	...	1 " Soup Ladle ...	...
1 " Butter Knife...	...	1 " Butter Knife...	...	2 " Sauce " ...	...
1 Pair Knife Rests ...	...	1 Pair Knife Rests ...	...	1 " Gravy " ...	...
Polished Chest to contain the above, with Lock and Two Keys...	...	Polished Cabinet to contain the above, with Lock and Two Keys ...	...	1 " Pair of Sugar Tongs ...	...
				2 " Pickle Forks...	...
				2 " Butter Knives ...	...
				2 Pairs Knife Rests ...	...
				Polished Cabinet ...	...
	Rs. 125		Rs. 150		Rs. 300

TERMS CASH.

These Cases are fitted with Best Warranted Handle Cutlery, which cannot become loose.

TERMS CASH.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## SPOONS AND FORKS, "OLD ENGLISH" PATTERN.

W. LESLIE & Co. guarantee this Quality to wear well for a *Number of Years*, the Quality being equal to the best Quality sold by most houses in India.

The Dessert Spoons and Forks are full size and heavily plated.



	B Quality.	Weight of Silver deposited.	Sterling Silver.	
			Weight.	
Dessert Spoons, ...	Rs. 12-8	85 oz.	20 oz., 3/-	per oz.
Dessert Forks, ...	12-8	85 "	20 "	3/- "
Table Forks, ...	17-8	1 oz.	30 "	3/- "
Table Spoons, ...	17-8	1 "	30 "	3/- "
Tea Spoons, ...	7-8	40 oz.	26 "	"
Sugar Tongs, ...	2-0	80 "	10 "	"
Gravy Spoon, ...	4-8	2-15 "	5 "	"
Soup Ladle, ...	7-8	2-75 "	10 "	"
Sauce Ladle, ...	2-4	1-10 "	2 1/2 "	"
Salt Spoon, small, ...	5-4	"	"	"
" " large, ...	7-8	"	"	"
Mustard Spoon, small, ...	5-4	"	"	"
" " large, ...	7-8	"	"	"
Egg Spoon, ...	7-8	40 "	6 "	"
Coffee Spoon, ...	7-8	40 "	8 "	"
Moist Sugar Spoon, ...	7-8	40 "	7 "	"
Sugar Sifter, ...	1-8	40 "	"	"
Butter Knife, ...	2-8	55 "	"	"
Marrow Scoops, ...	2-0	80 "	"	"
Pickle Forks, ...	3-4	"	"	"
Cheese Scoops, ...	1-12	"	"	"
Crumb Scoops, ...	3-4	"	"	"
Asparagus Helpers, ...	12-0	2-7	"	"
	16-0	"	"	"

TERMS CASH.

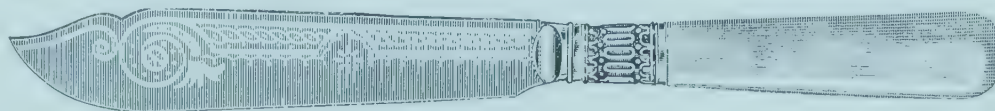
RE-PLATING.—Spoons and Forks and every description of Plated Goods re-plated—Prices on application.

TERMS CASH



## NEW GOODS.

STERLING SILVER-PLATED FISH KNIVES AND FORKS.



595—Fancy Xylonite Handles, Engraved Blades, 12 Knives and Forks in case...	...	...	...	...	...	...	Rs.75—0
595—" " " " " " " " " "	"	"	"	"	"	"	42—8

POLISHED CASES.

LINED CLOTH AND SATIN (AS ILLUSTRATED).

Containing 12 Pairs of Fish Knives and Forks, No. 603. Rs. 55—0 Case.

[illegible]

TERMS NET CASH.

Send for Complete Catalogue of Silver-Plated Good.

TERMS NET CASH.



W. LESLIE & CO.,

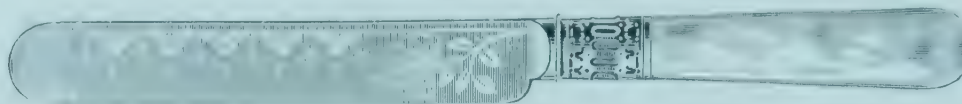
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

# CALCUTTA.

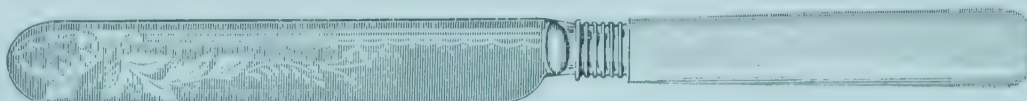
STERLING SILVER PLATED DESSERT KNIVES AND FORKS.

BLADE PLATED ON NICKEL.

PRICED PER DOZEN PAIR



10	Pearl Handles, with Electro Silver Chased Blades, 12 Knives and Forks, in case	...	...	...	...	...	Rs.	85-0
10	" " " " " " " " " "	...	...	...	...	...	Rs.	50- 0



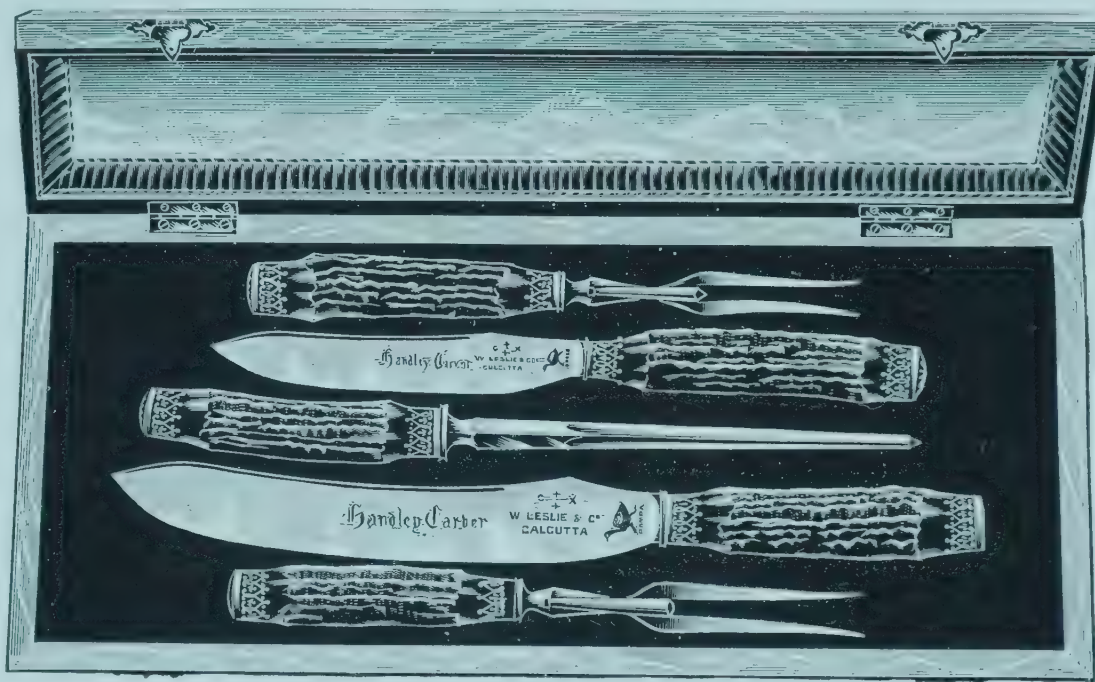
650	Rounded Xylonite Handles, Chased Blades, 12 Knives and 12 Forks, in case ... ..	Rs.	47-8
650	" " " " " 6 " " 6 " " " " " " " "		Rs. 27-8



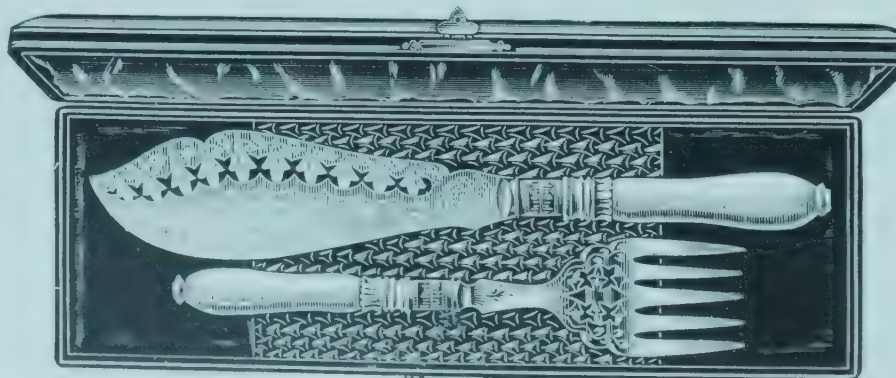
699	Xylonite Handle Chased Blade Dessert Knives and Forks, new pointed shape blade, in case	...	...	...	...	Rs. 50-0
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## CARVERS AND FORKS.

IN POLISHED CASES, LINED SILK AND VELVET.

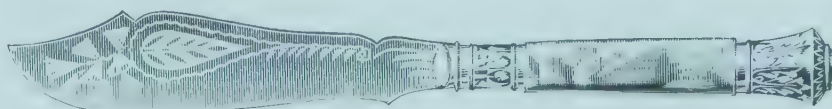
[illegible]

## FISH CARVERS IN CASE.

[illegible]



BUTTER KNIVES, IN SILVER PLATE.



942	Butter Knives	Pearl Handle, Chased Blade...	...	...	Rs. 2-8 each.
913	"	"	"	...	3-8 "
286	"	"	"	...	4-8 "

742 Jam Spoon, Thick Pearl Handle, engraved Blade ... Rs. 7-8 each.

157	Pearl Handle, chased Bowl	...	...	...	...	Rs. 18—0 set.
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[illegible]

999	Butter, Pickle, and Jam Spoons	...	...	...	Rs. 10—8 case.
-----	--------------------------------	-----	-----	-----	----------------

1061	Bread Forks	...	...	...	..	...	..	Rs. 3-8 each.
1068	"	...	...	...	...	...	...	3-8 "

227	E.P. Nut Cracks, $5\frac{3}{4}$ inches long, as illustrated ..	Rs. 4-8 each.
236	" " $5\frac{1}{2}$ " " " " " " " "	3-0 "
100	Steel " " " " " " " " " " " "	As. 12 "

227	E.P. Nut Cracks, 5 $\frac{3}{4}$ inches long	...	...	...	Rs. 12—0 case
-----	--	-----	-----	-----	---------------

TERMS CASH



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
3-0, CHOWRINGHEE ROAD,

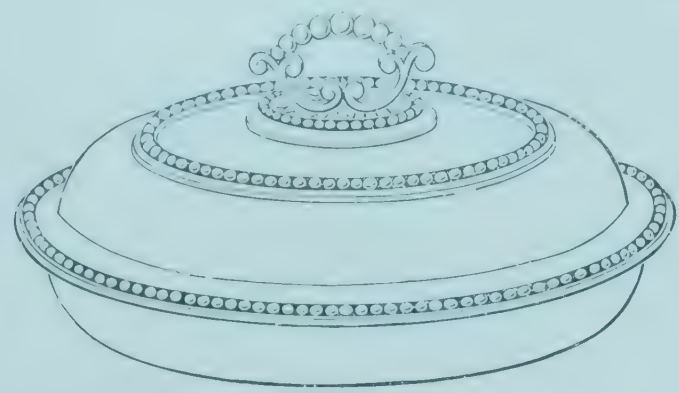
} CALCUTTA.

STERLING SILVER PLATED ON BEST WHITE NICKEL SILVER

ENTREE DISH.

HAND SOLDERED.

ENTREE DISH.

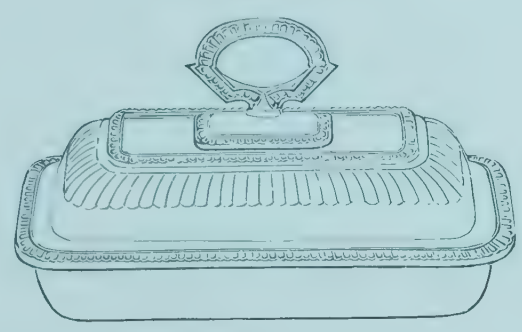


6082 Double Dish. Rs. 30-0 each.



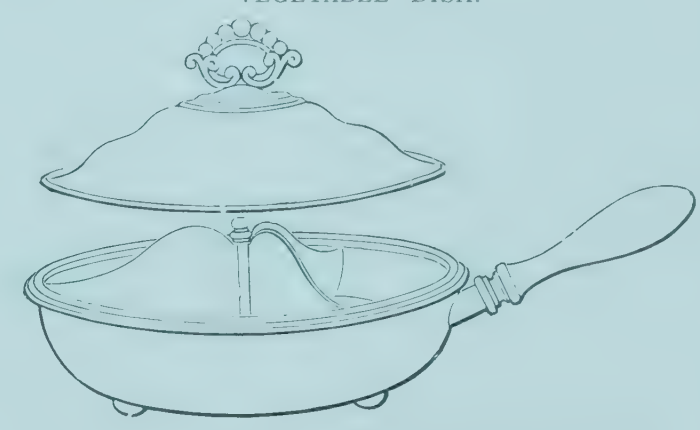
6082 Double Dish and Warmer. Rs. 62-8 each.

ENTREE DISH.



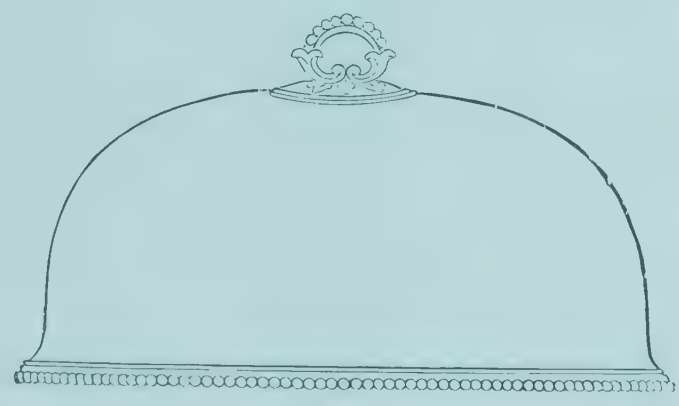
G 6645 Entree Dish. Rs. 40-0

VEGETABLE DISH.



Vegetable Dish and Cover, Movable Handle, three divisions and Strainer, no hot water part. Rs. 60-0 each.

DISH COVER.



8163.

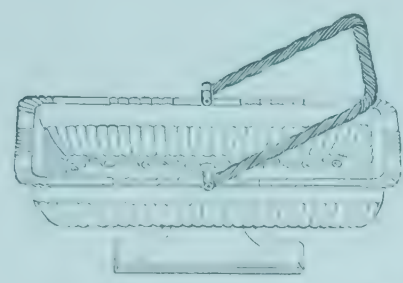
Size 14	16	18	20 inch.
Rs. 37-8	45-0	55-0	65-0 each.

REVOLVING COVER TUREEN.



Revolving Tureens	...	...	Price Rs. 90-0 each
Soup	"	(American)	" 75-0 "

CAKE OR FRUIT BASKETS.

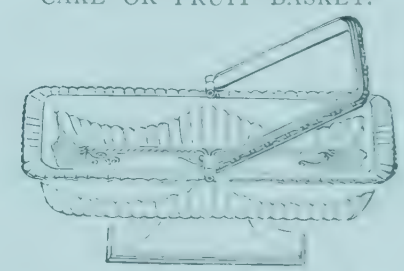


G 6248 Fluted and Chased. Rs. 32-8



6289 1/2 Gilt inside. Rs. 35-0

CAKE OR FRUIT BASKET.



G 6250 Fluted and Chased. Rs. 30-0

TERMS CASH.

Send for Complete Catalogue of Cutlery.

TERMS CASH.



# W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

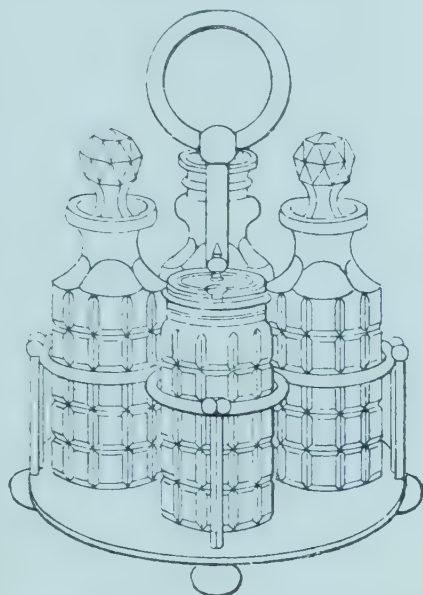
# CALCUTTA.

## STERLING SILVER PLATED ON BEST WHITE NICKEL SILVER.

DINNER CRUETS.  
FINEST ENGLISH CUT GLASS.  
HARD SOLDERED.

BREAKFAST CRUETS.

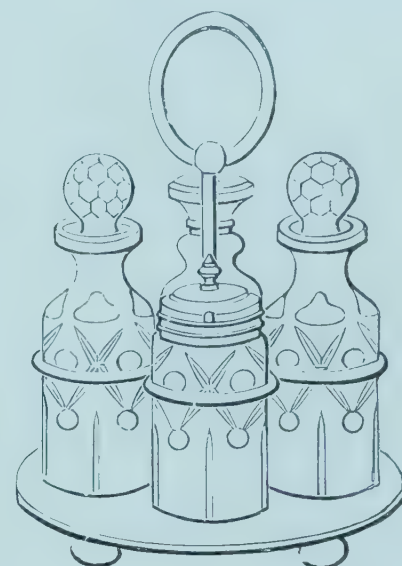
DINNER CRUETS.  
FINEST ENGLISH CUT GLASS.  
HARD SOLDERED.



7874½ Rs. 10-8



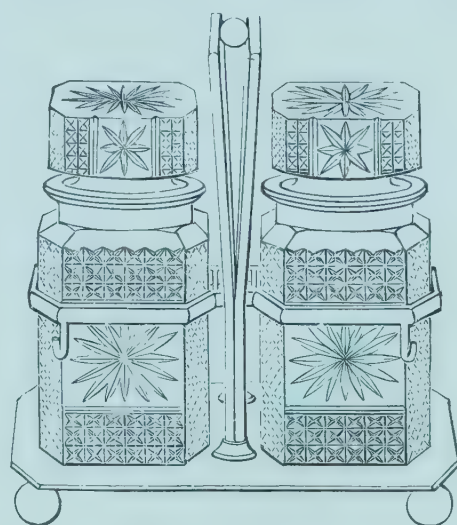
7874 Price, Rs. 10-8 each.  
7874 Soy Frames, all oils,  
Rs. 12-8



8010	4 bottle	...	...	Rs. 13-8
8840	4 "	...	...	16-0
8841	4 "	...	...	18-0
8842	4 "	...	...	18-0
8843	4 "	...	...	18-0
Extra bottles t to replace breakage.				

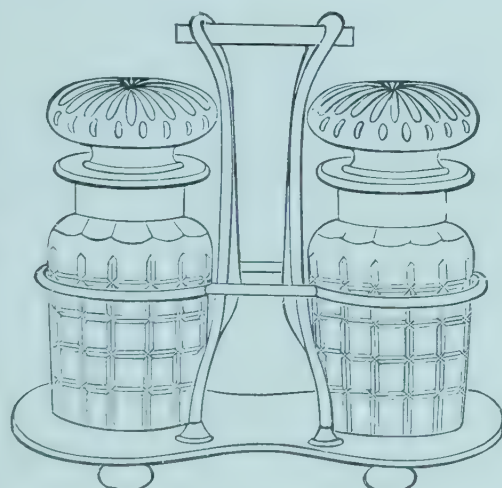
PICKLE FRAMES.

HARD SOLDERED



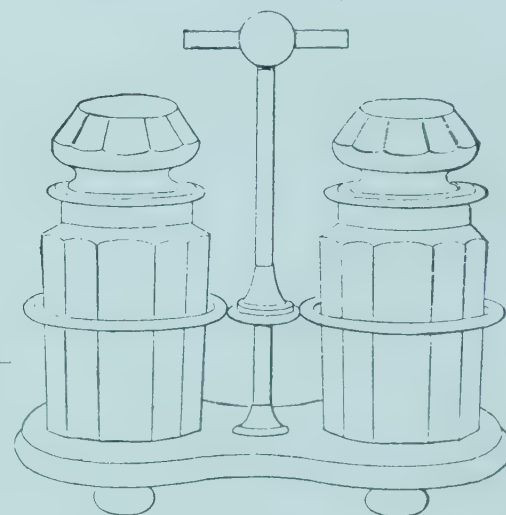
7089 Rs. 27-8

8737½	4	"	...	...	Rs. 22-8
8746	4	"	...	...	30-0
5002½	6	"	...	...	40-0
4349	6	"	...	...	45-0



7141 Finest English Cut Glass. Rs. 30-0

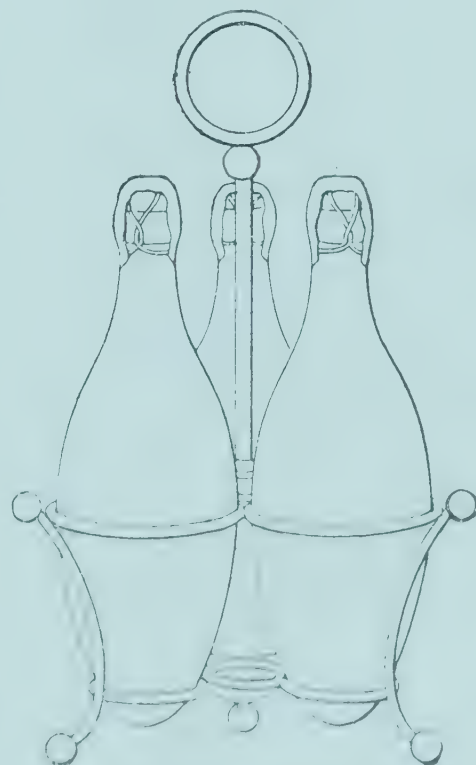
SODA WATER STAND.



7090 Rs. 25-0

DINNER CRUET.

OIL AND VINEGAR CRUET.



6901 Soda Stand. 3 bottle. Rs. 25-0



8746 6 glass. Rs. 55-0

Oil and Vinegar. Finest English Cut Glass, Rs. 40-0

TERMS CASH.

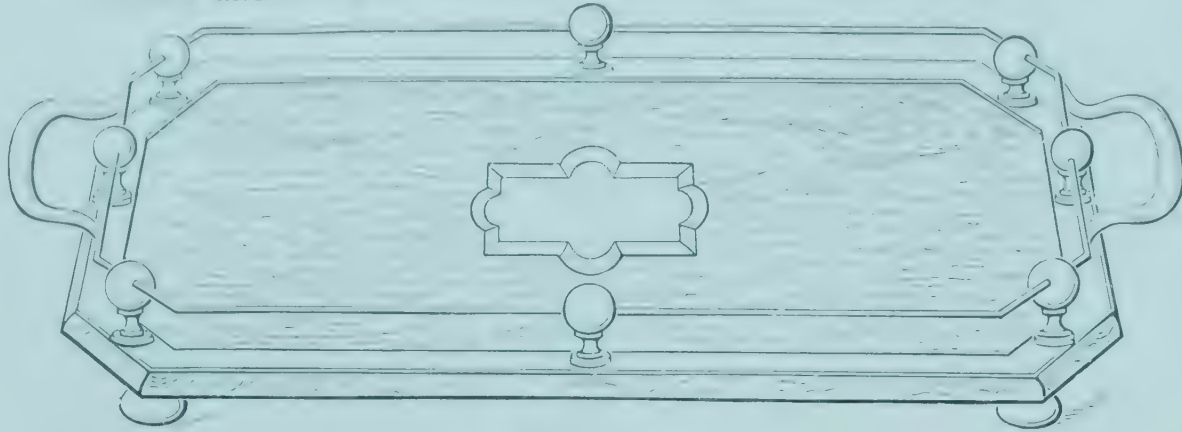
Send for Complete Catalogue of Cutlery.

TERMS CASH.



STERLING SILVER PLATED ON BEST WHITE NICKEL SILVER.

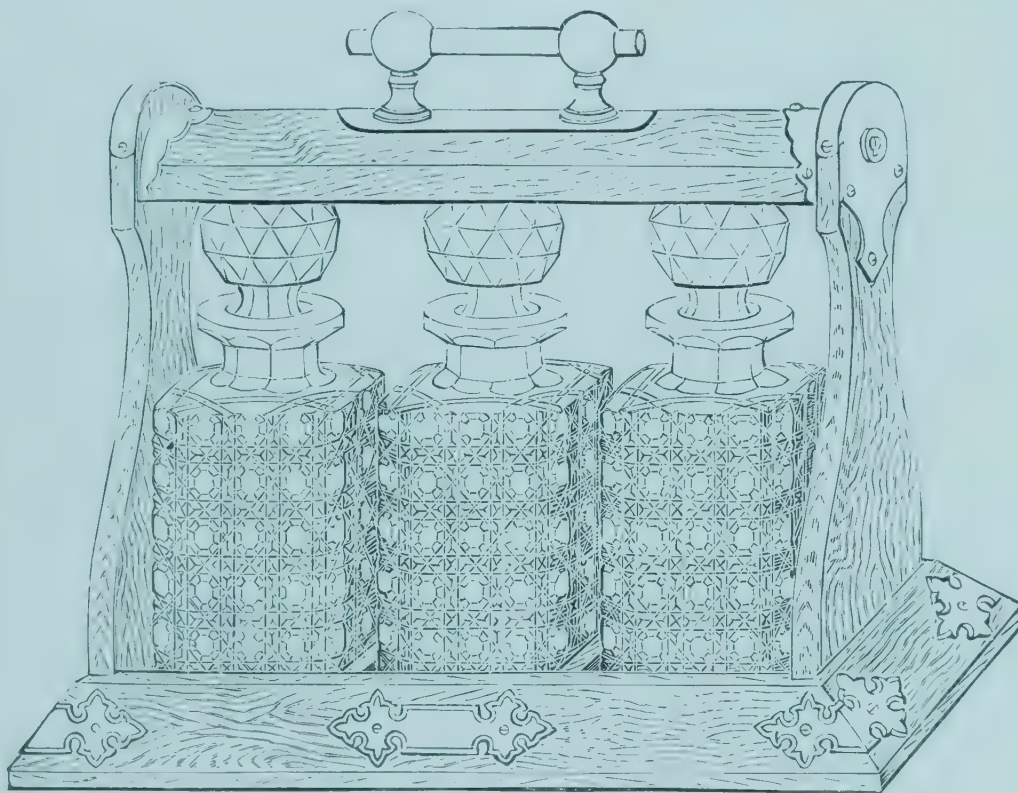
FINEST ENGLISH MOUNTED OAK. HIGHLY FIGURED AND POLISHED



6664 Tray. 18 in. 22 in.  
Rs. 35-0 Rs. 42-8 each.



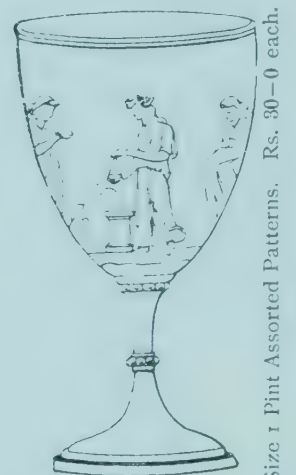
5364 Tankard.  
1 1/2 pint.  
Rs. 27-8 | Rs. 21-0 each.



4619 Tantalus Liquor, Finest English Cut Glass. Rs. 45-0  
7087 " " " " " Hobnail Glass. Rs. 65-0

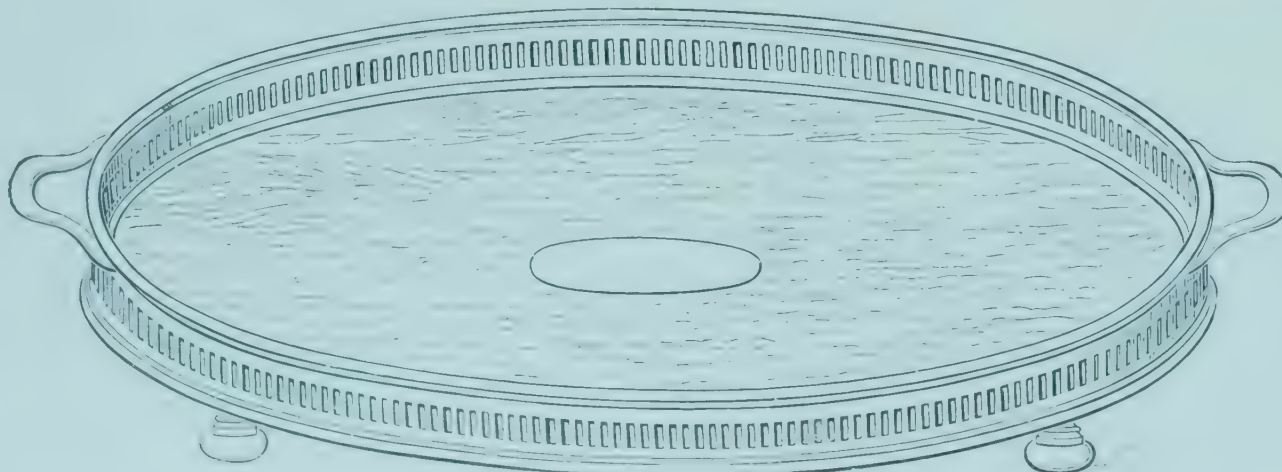


5363 Cup.  
1 1/2 pint.  
Rs. 25-0 | Rs. 21-0 each.



5820 Engraved Cup.

Size 1 Pint Assorted Patterns. Rs. 30-0 each.



6687 Tray. 20 in. Rs. 55-0 each.



5820 Cup Plain Assorted.

Pint Size. Rs. 25-0

TERMS NET CASH.

Prices of Prize Cups on Application.

TERMS NET CASH.



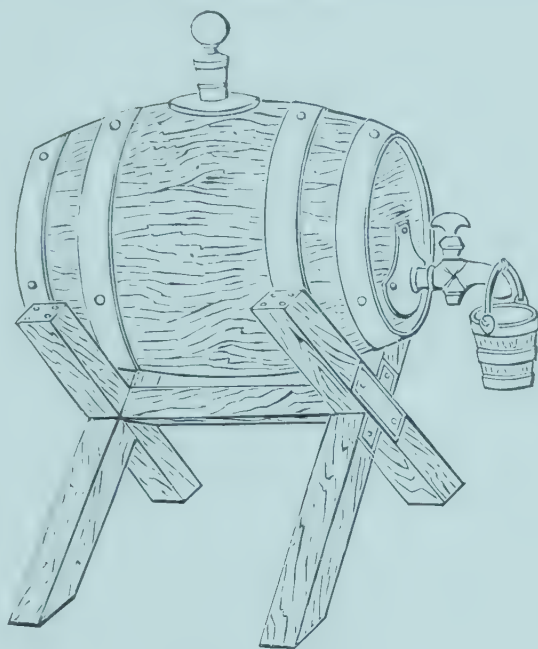
# W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

# CALCUTTA.

## Electro-Plated Spirit Cask on Stand.

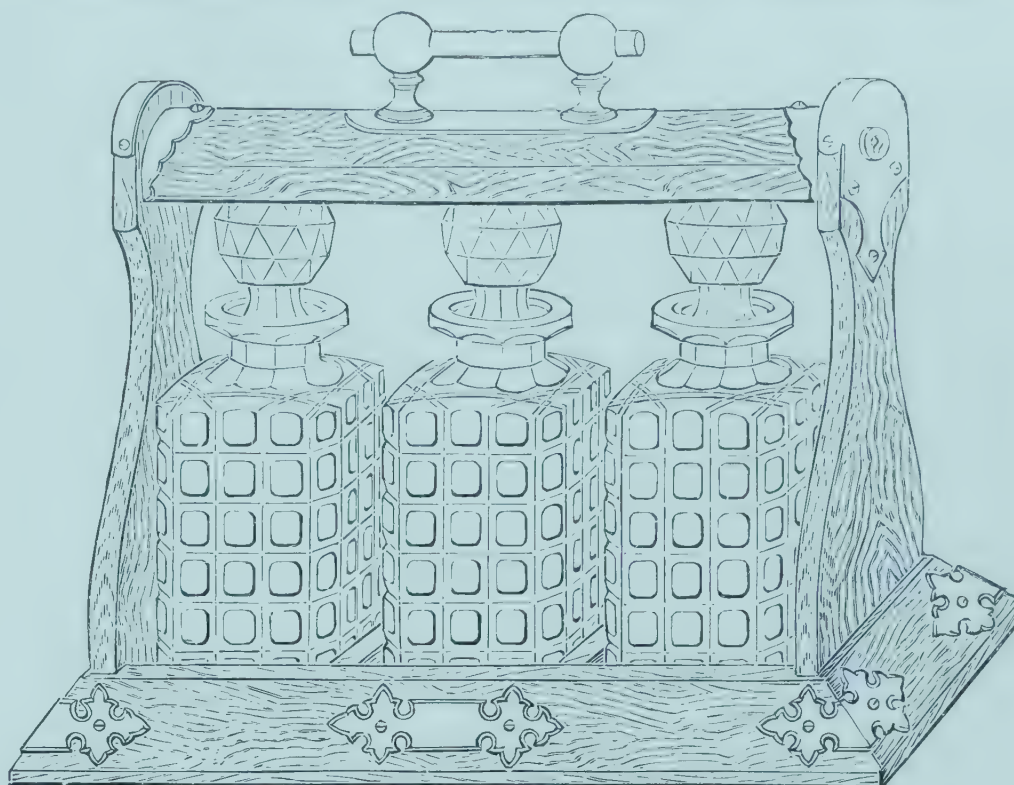
(As illustrated.)



6964 Spirit Barrel.

1 barrel, Rs. 40—0      2 barrels, Rs. 75—0  
3 barrels, Rs. 112—0

## Electro-Plated Mounted Oak Spirit Frame, or Tantalus Stand.



4619  
7087

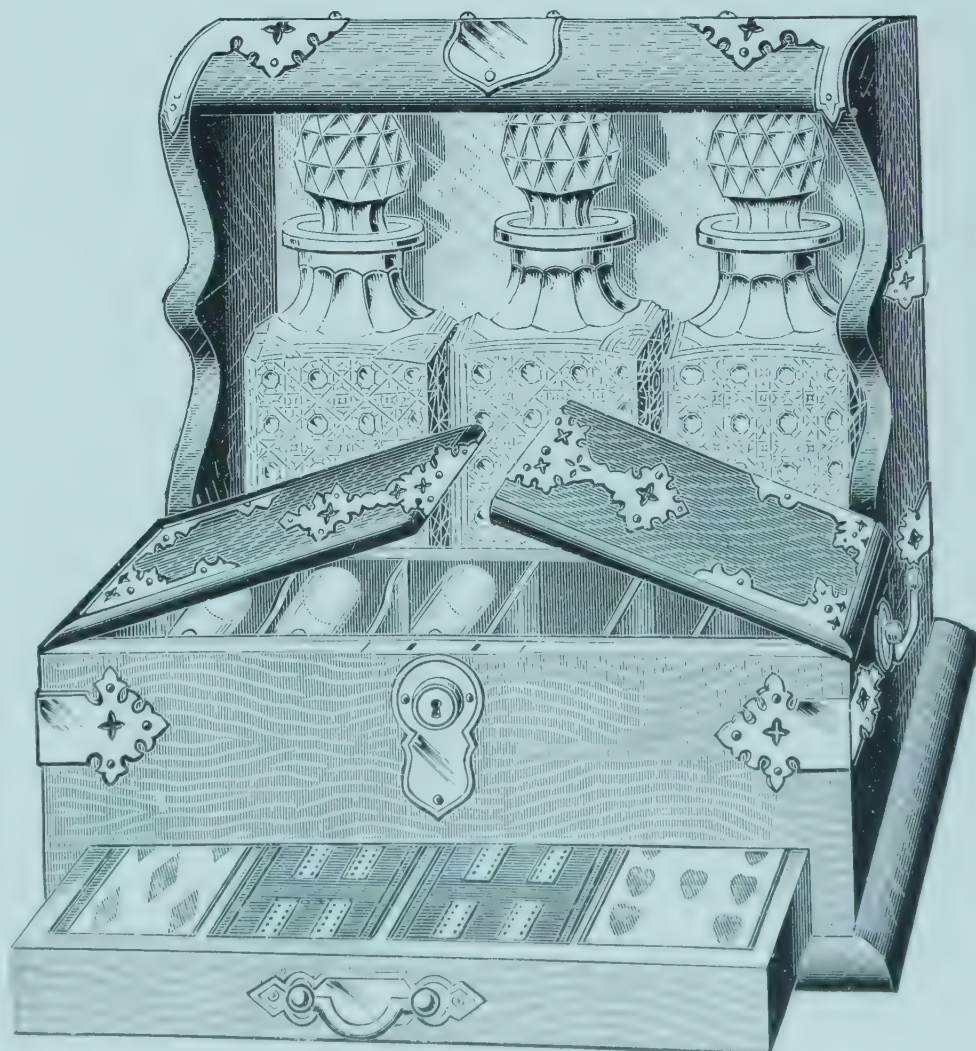
Tantalus Liquor.

Prices from Rs. 45—0 and Rs. 65—0 each.

## Electro-Plated Mounted Spirit Frame, in Polished Oak.

G70C1 E.P. and Oak Sporting Tantalus Stand, Sterling silver-plated on best white Nickel-Silver, finest English Oak, highly finished, fitted with 3 finest English full cut Hobnail bottles, 1½ pint, 2 Liqueur Glasses, 3 Ash Trays, 1 Waiter, Cribbage Board and Pegs, Cards, Counters, Mirror, etc.

Price .. .. Rs. 250—0 each



Combination Liquor, complete with Cards, Counters, Cribbage Board &c.,  
Finest English Cut Glass.

TERMS CASH.

Send for Complete Catalogue of Cycles.

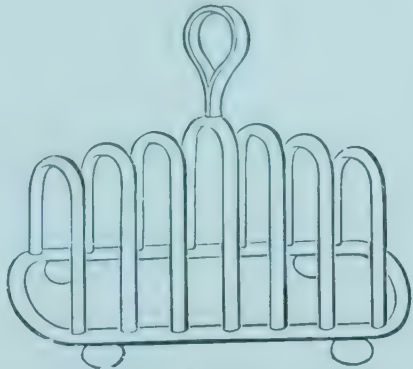
TERMS CASH.



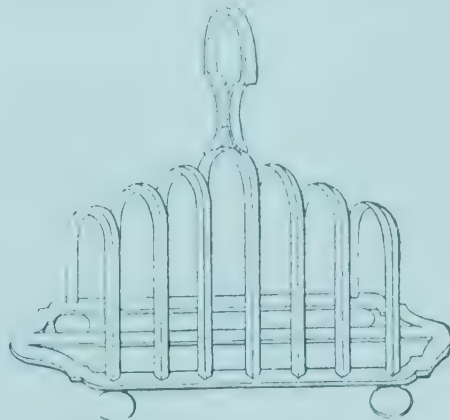
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

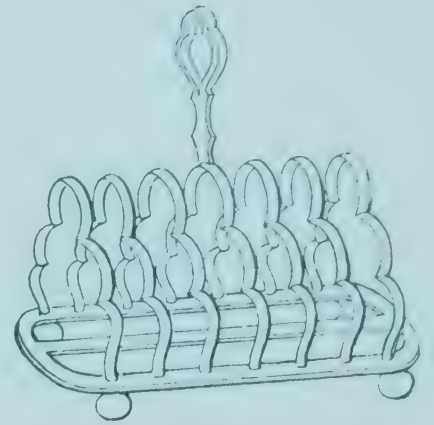
TOAST RACKS. HARD SOLDERED.



5199 To hold 4 slices. Rs. 7-4  
5199 6 Rs. 8-12

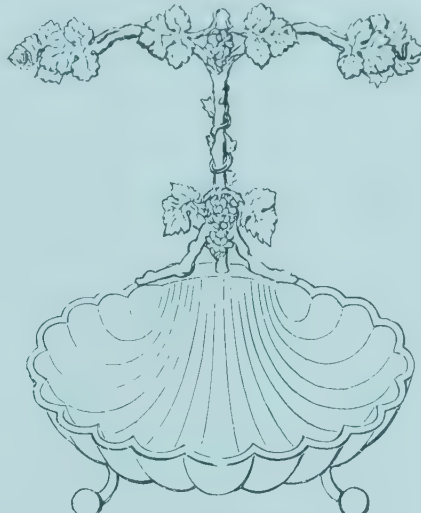


5214 To hold 6 slices. Rs. 13-8



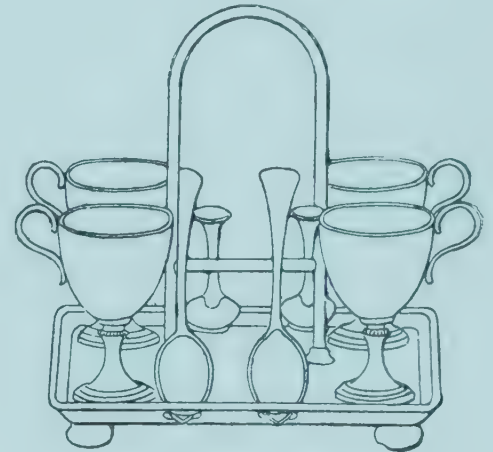
5217 To hold 6 slices. Rs. 12-8

GRAPE STAND.



G 5072 Gilt Base. Rs. 37-8 ea.

EGG FRAME.

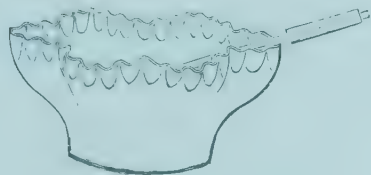


5483 4 Egg. Rs. 30-0

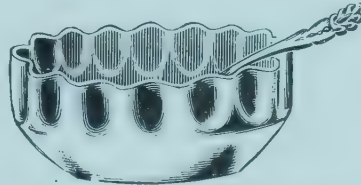
EGG FRAME.



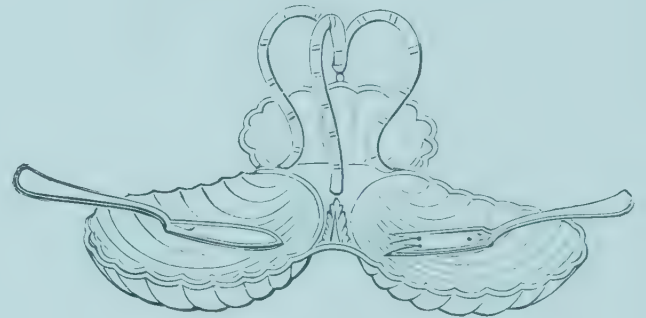
G 6515 4 cup. Rs. 25-0



G 7706 Sugar, Gilt inside,  
Sifter complete.  
Rs. 12-0



G 7707½ Fluted Sugar, Gilt inside,  
Sifter complete.  
Rs. 12-0



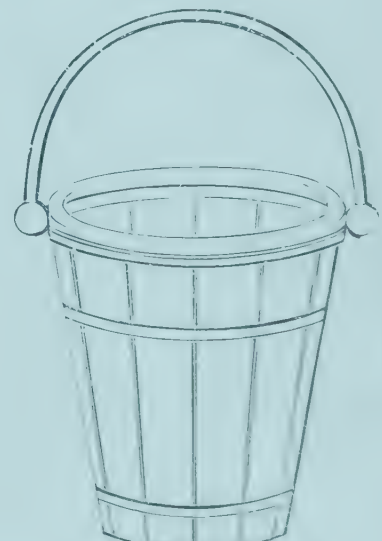
G 7890½ Rs. 25-0

ICE PAILS.



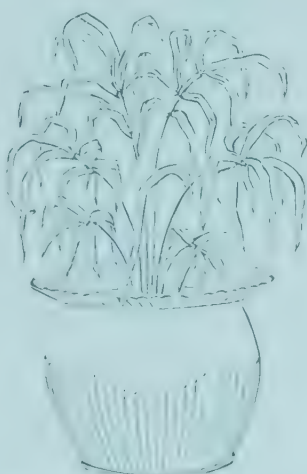
6050 Ice Pail, Plain Hoop, Rs. 21-0 ea.

ICE PAILS.



From Rs. 10-0 to 17-8

FLOWER POTS.



9636 Hand Fluted, Small, Rs. 7-8

TERMS CASH.

Send for Complete Catalogue of Household Ironmongery.

TERMS CASH.

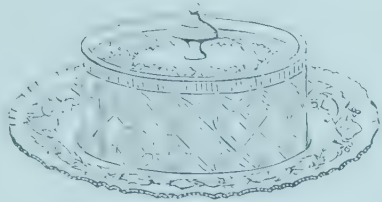


# W. LESLIE & CO.,

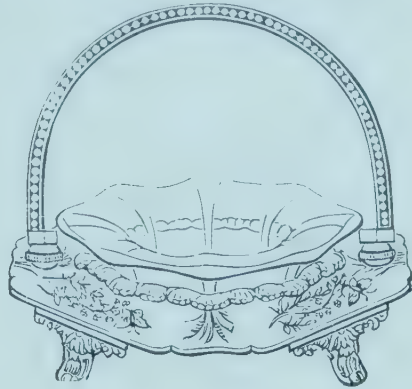
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

# CALCUTTA.

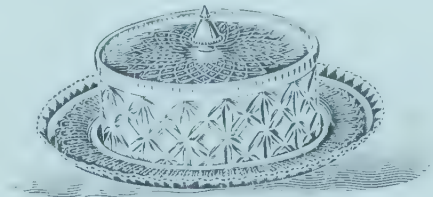
BUTTER COOLERS, FINEST ENGLISH CUT GLASS.



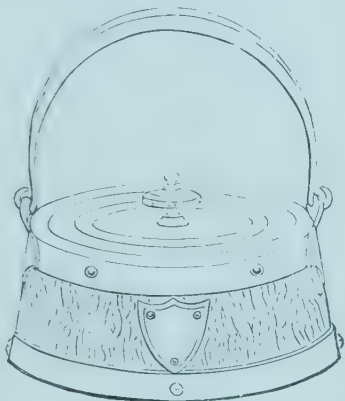
G 5673 Chased. Rs. 9-0 each.



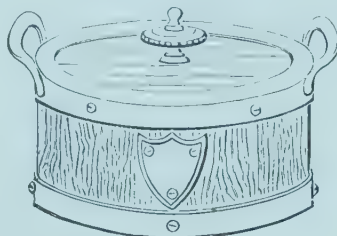
G 7557 Chased, Ruby and Amber Frill Glass.  
Rs. 15-6 each.



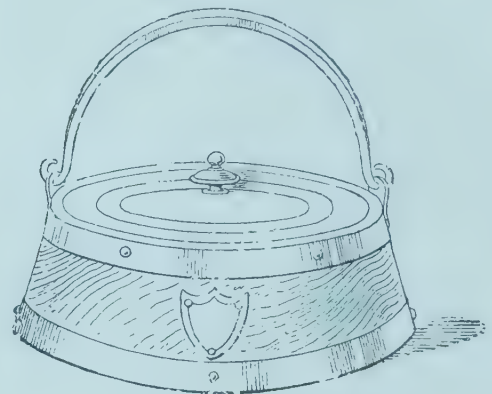
G 5668 Chased. Rs. 10-0 each.



6583½ Butter. Rs. 13-8 each.



G 5647½ Butter, Rs. 12-8 each.



6583 Butter. Rs. 14-8 each.

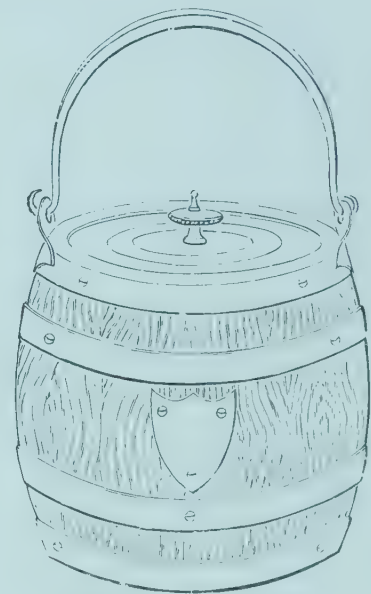
FINEST ENGLISH MOUNTED OAK, HIGHLY FIGURED AND POLISHED—BISCUITS.



8475 Rs. 12-8 each.

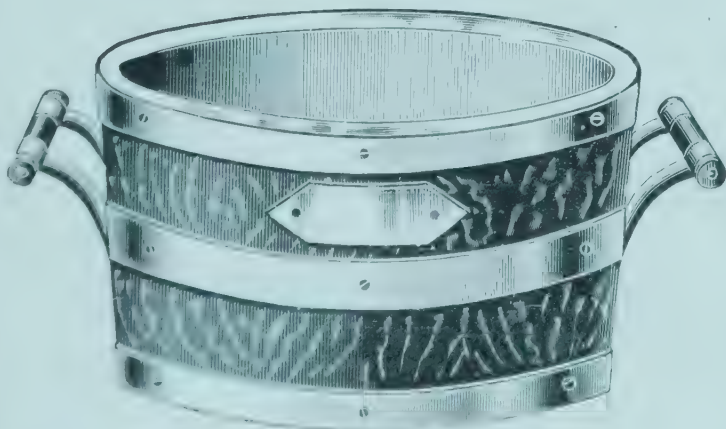


8498 Hand Carved. Rs. 18-8 each.

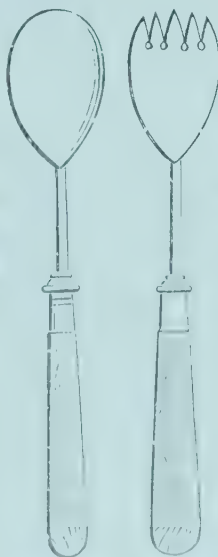


8475½ Rs. 13-8 each.

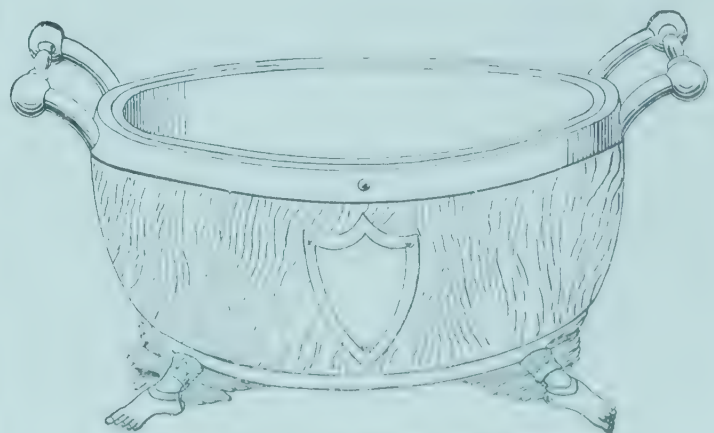
FINEST ENGLISH MOUNTED OAK, HIGHLY FIGURED AND POLISHED—SALAD BOWLS.



6305 Salad, E.P.N.S. Mounts, Rs. 17-9 ea.  
6391 " " " Rs. 20-0 "



6395 Salad Servers,  
Rs. 8-0 per pair.



5536 Salad, E.P.N.S. Mounts, Rs. 27-8 ea.  
6391½ " " " Rs. 25-0 "

TERMS CASH.

Send for Catalogue of Japanned Ironmongery.

TERMS CASH.



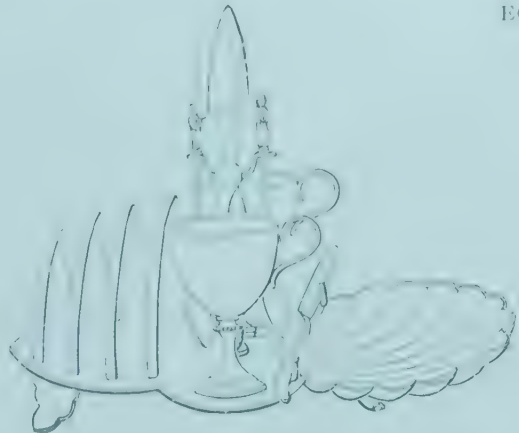
W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

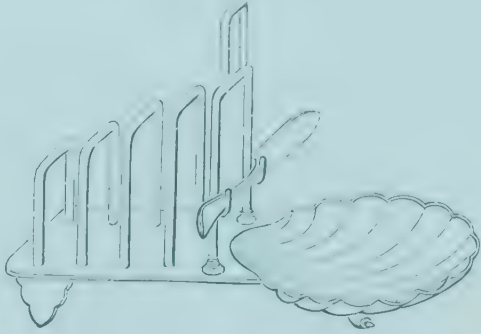
}

CALCUTTA.

EGG, TOAST AND BUTTER STANDS, FRUIT STANDS, &c.  
HARD SOLDERED



G 8016 Egg Toast, and Butter Stand complete  
Rs. 30-3



G 8015 Toast and Butter Stand complete.  
Rs. 18-8

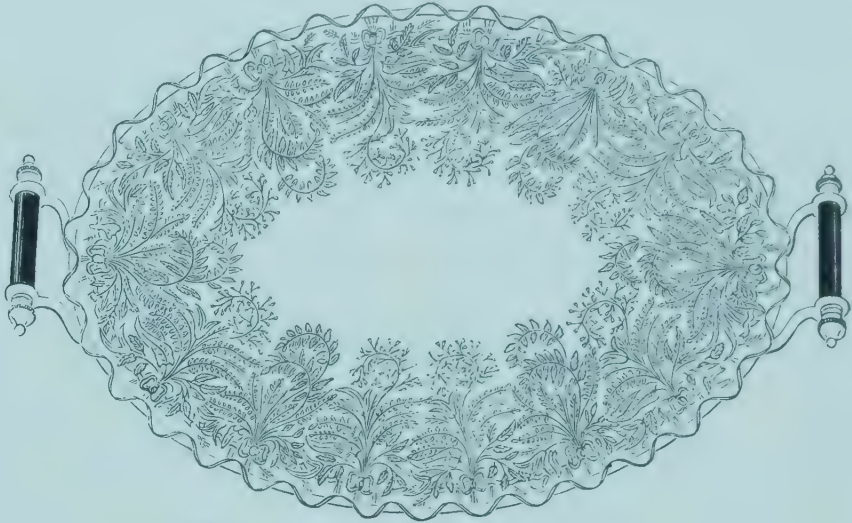


G 8017 Egg, Toast, and Butter Stand complete.  
Rs. 32-8

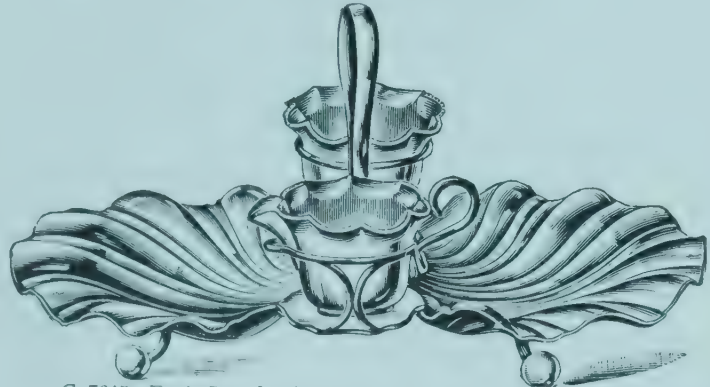


6649 Fine Chased Waiters.  
8 10 12 14 16 in.  
Rs 25-0 32-8 40-0 50-0 65-0 ea.

CHASED TRAY, EBONY HANDLES.



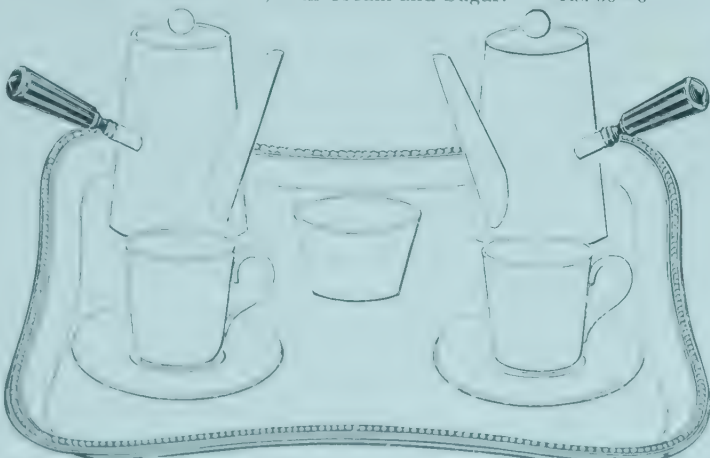
6663 16 18 20 22 in  
Rs. 45-0 55-0 70-0 80-0 ea



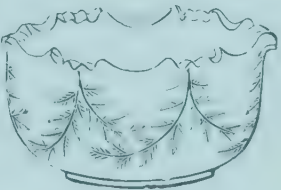
G 7645 Fruit Stand, with Cream and Sugar. Rs. 50-0



G 7673 Fruit Stand, Gilt inside, with Cream and Sugar. Rs. 65-0



9207 Café au Lait Set, Tea Spoons and Tongs complete. Rs. 100-0  
9215 " " " differing. Rs. 135-0



8965 Hand Engraved  
Sugars,  
Gilt inside.  
Rs. 15-0 ea.



9206 Café Noir Set, Tea Spoons and Tongs complete. Rs. 90-0



W. LESLIE &amp; CO.,

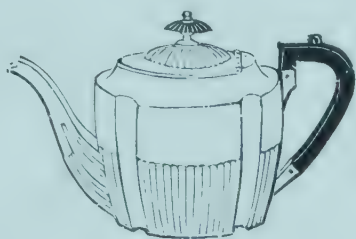
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## STERLING SILVER PLATED ON BEST WHITE NICKEL SILVER.

AFTERNOON OR FIVE O'CLOCK TEA SETS.

HARD SOLDERED.



9153 Tea, Ebony Handle, 2 gill.  
Rs. 40-0 ea.



9153 1/2 Tea Hand Engraved, Ebony Handle,  
2 gill. Rs. 55-0 ea.



9184 1/2 2 gill. Rs. 47-8 ea.



9153 Sugar. Rs. 25-0 ea.



9153 1/2 Sugar Hand Engraved. Rs. 35-0



9184 1/2 Rs. 22-8 ea.



9153 Cream, Rs. 20-0 ea.  
Rs. 85-0 per set.



9153 1/2 Cream, Hand Engraved. Rs. 30-0 ea.  
Rs. 120-0 per set.

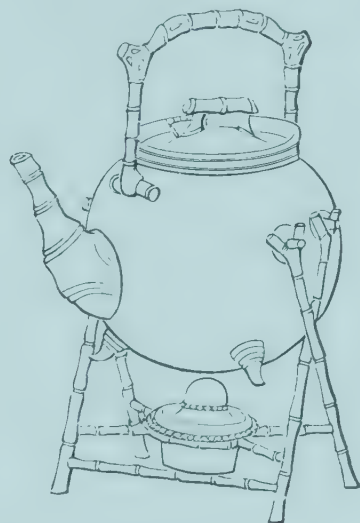


9184 1/2 Rs. 20-0 ea.  
Rs. 90-0 per set.

HOT WATER KETTLES AND STANDS.

HOT WATER KETTLES AND STANDS.

HOT WATER KETTLES AND STANDS.



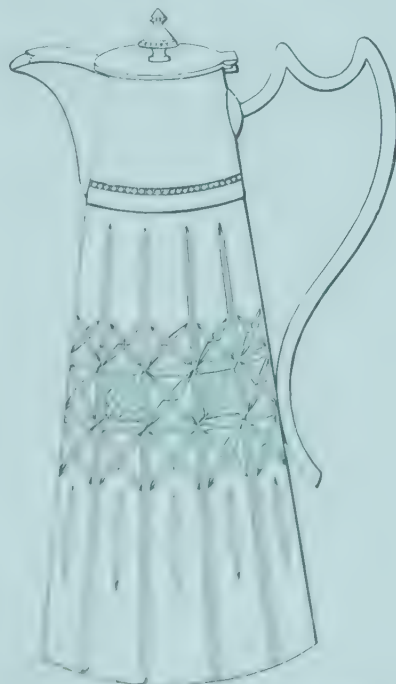
9174 Bamboo, 3 half-pints. Rs. 90-0 ea.  
9174 " 4 " Rs. 100-0 ea.



G 8450 Hand Fluted, 5 gill. Rs. 50-0



9175 Thorn. 4 half-pints. Rs. 90-0 ea.



8290 Finest Cut Glass. Rs. 22-0



9882 Horn Handle.  
4 gill Rs. 27-8



9856 Hand Engraved, Horn Handle,  
4 gill. Rs. 32-8



8276 Finest Cut Glass. Rs. 24-0







W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

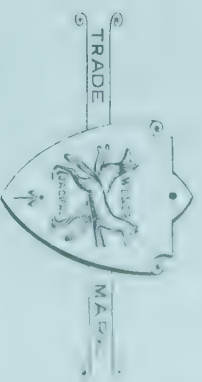


PAMPA

# LOCKWOOD BROTHERS UNRIVALLED TABLE CUTLERY.

BLADES OF BEST DOUBLE SHEAR STEEL, SECURELY FASTENED IN HANDLES,  
WHICH CANNOT BECOME LOOSE.

The Table Knives illustrated are drawn three-quarter actual size.



No. 942—Stag Handle. Capped.

Table Knives...doz. Rs. 15  
Cheese Knives... " Rs. 10  
Meat Carvers... pair Rs. 2  
Poultry " " Rs. 2  
Table Steel...each Rs. 1



No. 2912.—With Quill Pattern Nickel Silver Handle.

Table Knives...doz. Rs. 10  
Cheese Knives... " Rs. 10  
Meat Carvers... pair Rs. 1  
Poultry " " Rs. 1  
Table Steel...each Rs. 1



No. 2212—Celluloid Handle, Guaranteed not to crack or break.

Cheese Knives...doz. Rs. 10  
Meat Carvers... pair Rs. 1  
Poultry " " Rs. 1  
Table Steel...each Rs. 1



No. 050.—Best Grained Celluloid Handle, Guaranteed not to crack or break.

Table Knives...doz. Rs. 10  
Dessert " " Rs. 10  
Meat Carvers... pair Rs. 1  
Poultry " " Rs. 1  
Table Steel...each Rs. 1



No. 394—Best Ivory Handle, through Tang and Guaranteed not to become loose.

Table Knives...doz. Rs. 10  
Dessert " " Rs. 10  
Meat Carvers... pair Rs. 1  
Poultry " " Rs. 1  
Table Steel...each Rs. 1



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## No. 325—REGISTER GRATE

With valve back, loose hexagonal bars,  
and brick back to fire.

This Circular Register Grate, chaste and simple in design, is suitable either for the home or colonial trade, and is supplied in the following sizes, with finishes and prices given below :—

Sizes, in., 30 × 36 ; Fire, in., 14 ... Rs. 15-0

Sizes, in., 38 × 38 ; Fire, in., 16 ... Rs. 17-8

Packing and despatching, Rs. 3-0



## No. 340B.—TILE REGISTER GRATE.

Supplied with four bars in front grate.

This Grate is probably the most successful design ever offered ; within a recent period more than 100,000 have been sold. It is chastely ornamented on outer front moulding, has octagonal front bars, neat canopy in cast iron, brick back, and lifting smoke valve.

Finished in various styles, as under :—

Sizes, in., 38 × 38 ... .. Fires, in., 16

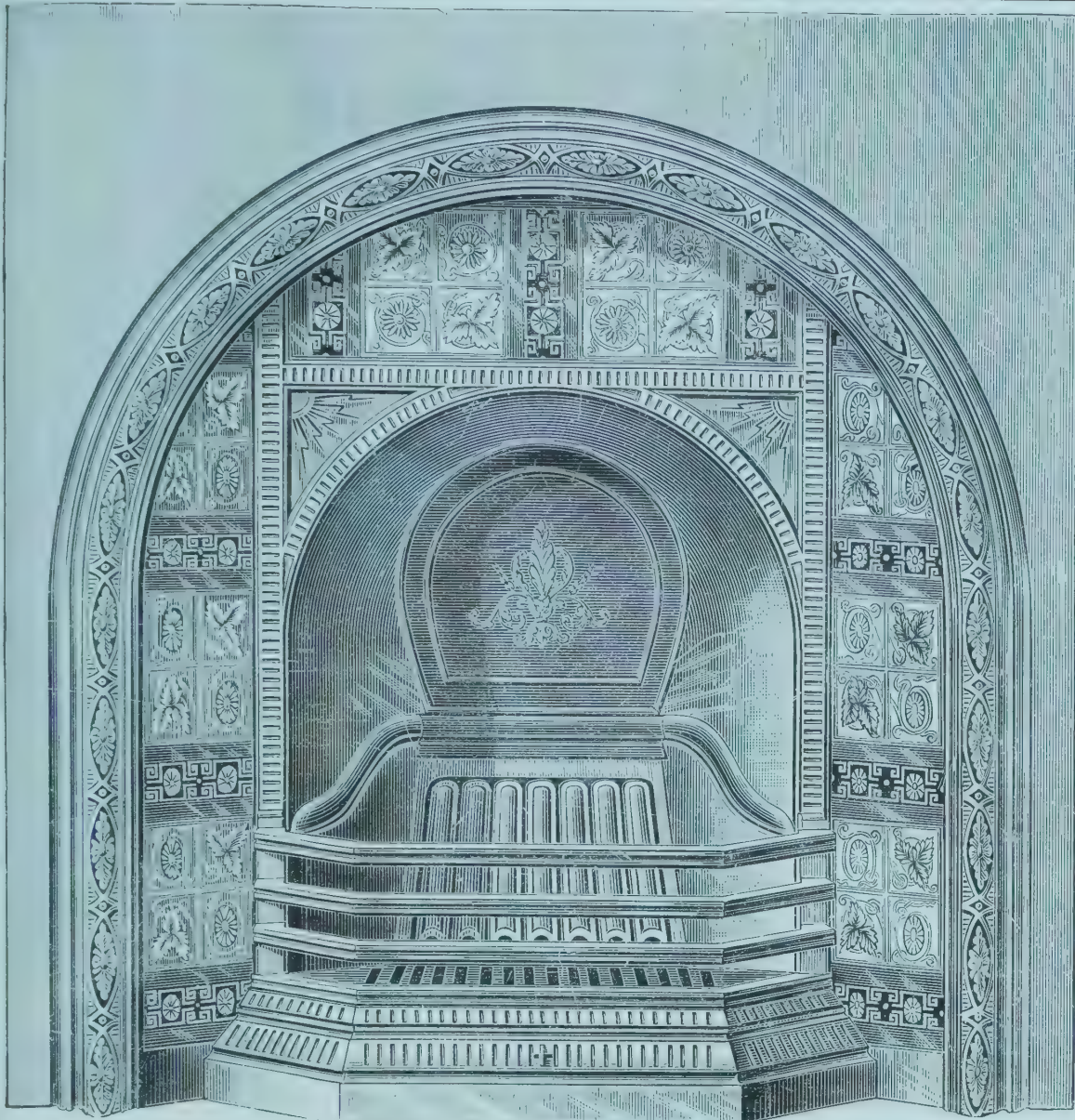
PRICES.			
		Without Tiles.	With Good Printed Tiles.
Fine Cast and Blacked.			
Rs.	...	24-0	30-0 each
Loose Frets, for controlling combustion			
	...		Rs. 1-4 extra.

Packing and despatching, Rs. 3-0

Send for complete Catalogue of Ranges, Grates, Chimney Pieces, &c., &c.

Prices subject to fluctuation.





## No. 372.—TILE REGISTER GRATE.

With circular valve body and brick back.

This Register Grate has a bold and enriched circular front moulding, with inner front, which forms a tile panel over fire; octagonal lift-out bars and fret; supplied with or without 6-in. tiles in cheeks.

Dimensions, prices, and finishes are given below.

Size, in.	...	...	...	38 × 38
Fire, in.	...	...	...	18

Price, without tiles, ground and Berlin-blackd, Rs. each	...	32-8
--	-----	------

Price, with good printed tiles, ground and Berlin-blackd, Rs. each	...	40-0
--	-----	------

Packing and despatching, Rs. 3-0 extra.

## No. 389.—TILE REGISTER GRATE.

With Canopy.

This ground and Berlin-blackd Register Grate, of modern design, is supplied with or without 6-in. tiles in cheeks. It has a bold ornamental moulding on outer front, with ornamental inner front and canopy; removable front bars, fitted with two brass knobs; loose fret, with brass knob in centre to match; and chair brick back to fire.

Size, in.	...	...	...	38 × 38
Fire, in.	...	...	...	16

Price, ground and Berlin-blackd, cheeks fitted for tiles, Rs. each	...	40-0
--	-----	------

Price, if fitted with good tiles, Rs. each	...	50-0
--	-----	------

No. 371.  
Price, ground and Berlin-blackd, with Electro bronzed Canopy and fret for tiles, Rs. each... 55-0

Do., with good tiles, Rs. each... 65-0

Packing and de-patching extra.

Send for complete Catalogue of Kerosine Stoves.

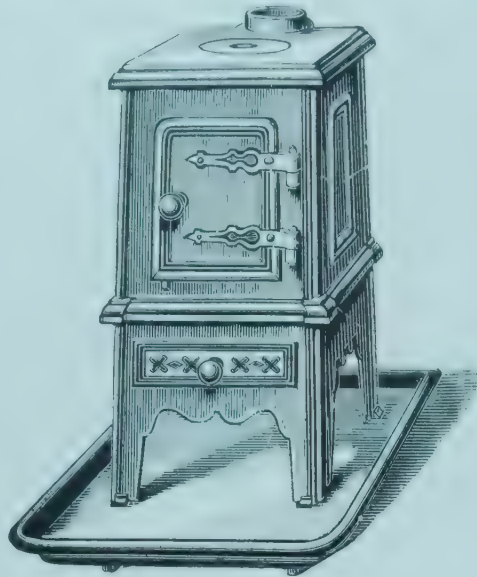




W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

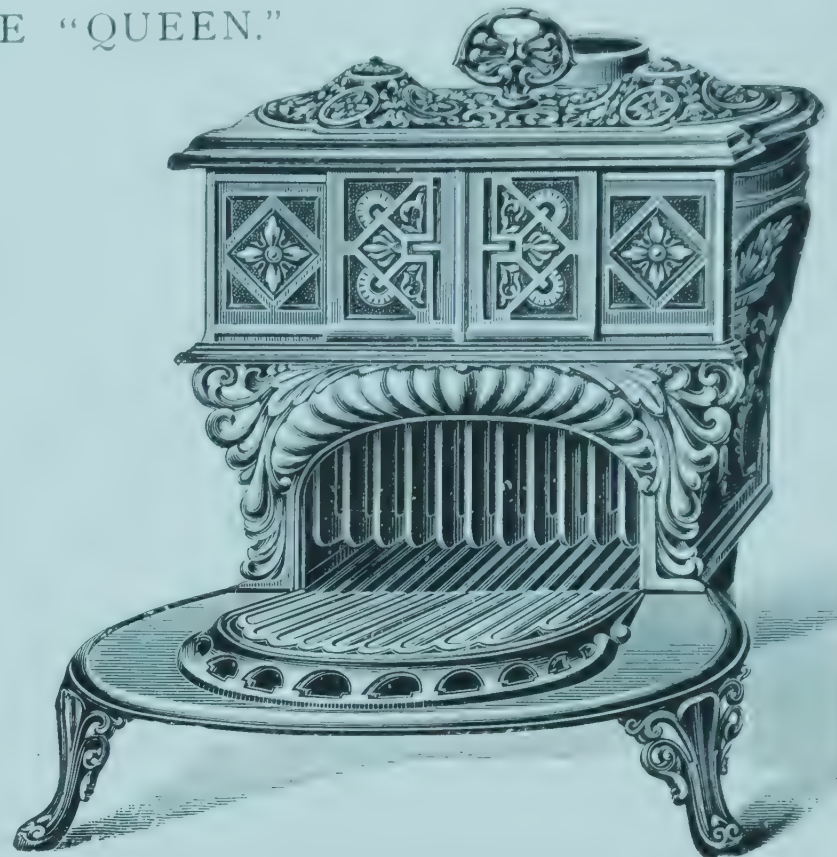
No. 22—CAMP WARMING STOVE.



This Stove has been constructed for the colonial and home trades. It is made in loose cast-iron plates. Each Stove is priced without loose iron ashpan.

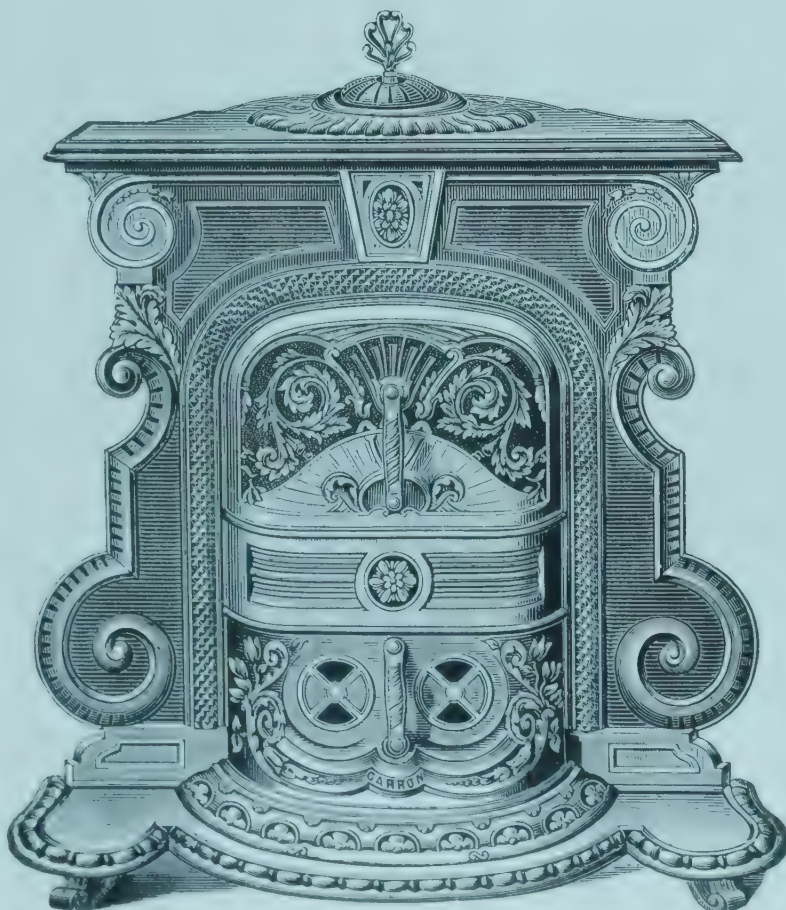
No.	Width.	Height.	PRICE.
1	8½ inches.	18 inches.	Rs. 11-8
3	10½ "	22 "	Rs. 15-0

THE "QUEEN."



This highly-ornamental Heating Stove is admirably suited for almost any class of houses, and especially in bedrooms where hot water may occasionally be required. The ornamental top being removed reveals the cooking hot-plate, fitted with loose covers, through which dishes may be set on top of fire; fire-brick linings.

No.	Width.	Height over all.	Depth over all.	Oval Nozzle	PRICE.
6	16 ins.	22½ ins.	17½ ins.	5¾ × 2½ ins.	Rs. 12-8



"NEW SIMLA" STOVE.

For Heating purposes.

A very ornamental exterior, fitted with brick linings; cast-iron blower and ashpit front, fitted with ventilators to increase or diminish draught.

No.	Width.	Height.	Depth.	PRICE.
1	23 inches.	30 inches.	16 inches.	Rs. 22-8
3	28 "	34 "	20 "	Rs. 32-8

Prices of all Stoves are subject to fluctuation without notice.

Terms Cash.

We Stock Wood Burning American Pattern Stoves.

Terms Cash.



W. LESLIE &amp; CO.,

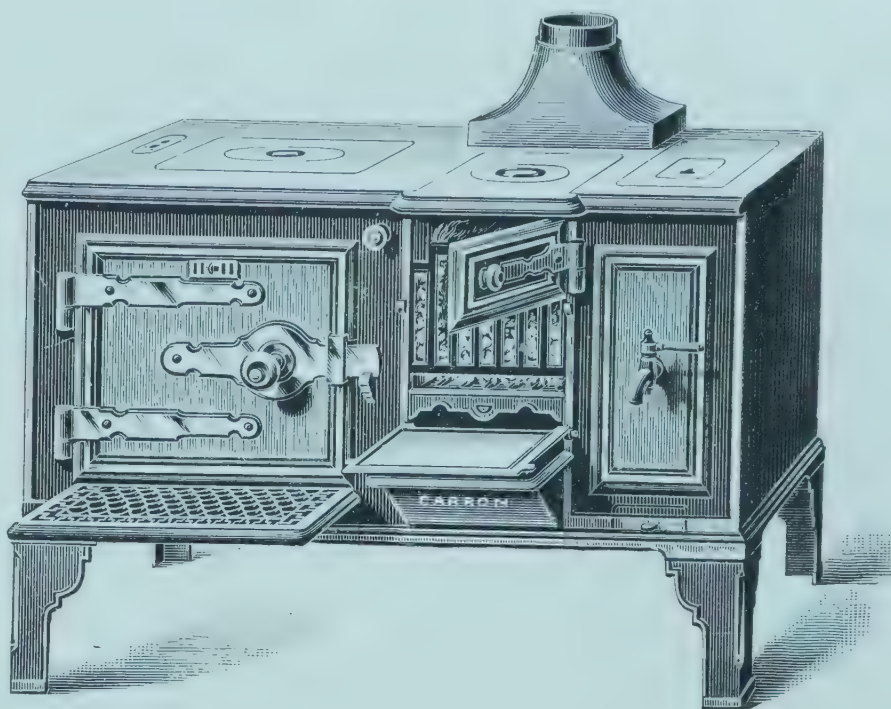
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD.

CALCUTTA.

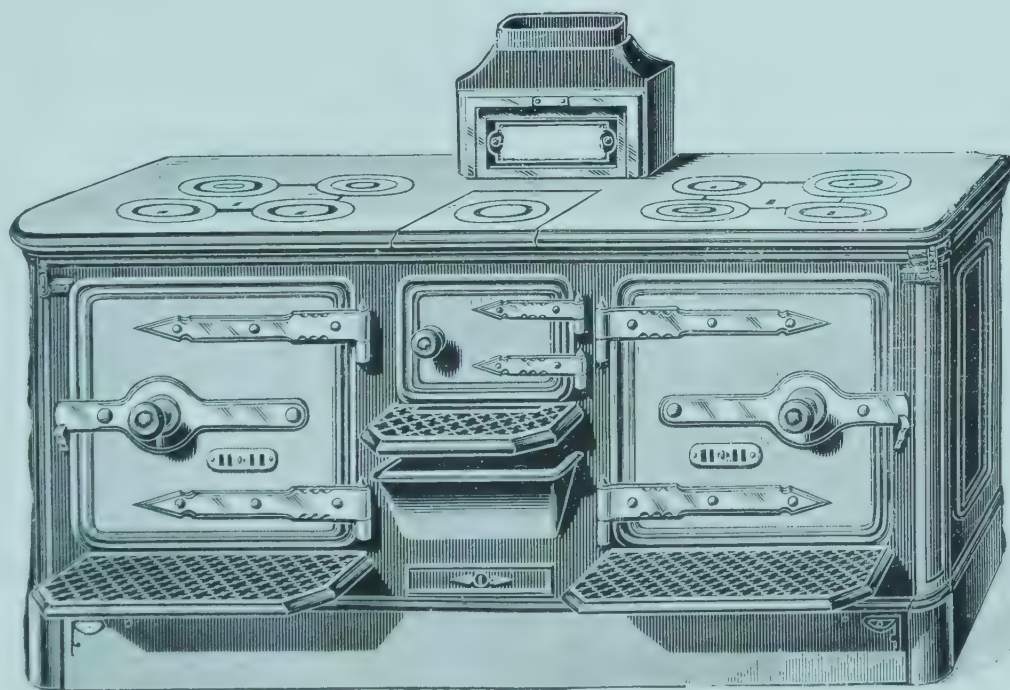
## THE "NEW LESLIE" RANGE.

With oven and side boiler, with brass tap.

An entirely new type of Portable Range, with strong water boiler, and fitted with brass tap; all mountings and fittings are polished bright. It has an excellent baking or roasting oven, which is carried back full depth of hot-plate. The front grate shown is for burning coal.



No.	Size of Hot-plate.			Size of Oven.			Size of Fire. about	Capacity of Boiler. about	Size of Nozzle. about	Price, without Utensils.	Sheet-iron Flue Piping.
	Width.	Height.	Depth.	Width.	Height.	Depth.					
7	in. 37	in. 26	in. 17	in. 14	in. 12	in. 15½	in. 8	galls. 4	in. 8¼ × 3¾	Rs. 75-0	per ft. Rs. 0-8-0



## THE "INDIAN" RANGE.

With two Ovens.

This Range has deep hobs and close base; with bright mountings, and fire suitable for burning wood; cup lifter, poker, flue brush, and rake. Can also be had with wrought-iron pipes from boiler along back and round end of Range, with brass draw-off tap for supplying water for kitchen use.

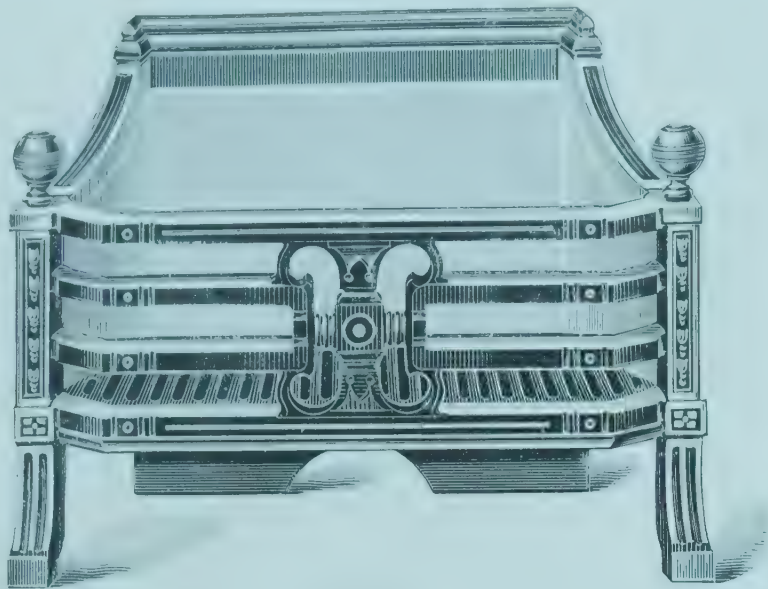
Size of Hot-plate.			Size of Ovens.			Size of Fire.	Size of Nozzle.	Price, without Utensils.	With Wrought- iron Boiler.	Wrought- iron Piping.	Packing.
Width.	Height.	Depth.	Width.	Height.	Depth.						
48	in. 28	in. 26	in. 14 and 12	in. 16	in. 18	in. 9	in. 8½ × 7	Rs. 275-0	Rs. —	Rs. per ft. 1-12	Rs. 7-8
60	30	30	18 " 18	18	24	11	8½ × 7	300-0	450-0	1-12	7-8
72	30	30	24 " 22	18	24	13	8½ × 7	375-0	475-0	2-0	10-0



LESLIE & CO., { 2, CHOWRINGHIE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHIE ROAD, }

CALCUTTA.

DOG GRATES.



No. 5.

Sizes—Fire,	...	...	...	...	20 ins.
Width over body	...	...	...	...	23 „
Height over bars	...	...	...	...	11½ „
Height over back	...	...	...	...	16 „

PRICE, Fine Cast and Stove Blacked, with Plain Back (no fret),  
and Cast Knobs .. .. . Rs. 37-8 each  
„ Ground and Berlin Blacked, as above ... Rs. 50-0 „

DOG GRATES.



No. 13.

The above may be had fine cast and stove blacked, with iron knobs,  
or Berlin blacked, with brass knobs.

Sizes—Width	...	...	...	...	23 ins.
Height	...	...	...	...	19 „
Fire	...	...	...	...	20 „

PRICE, Fine Cast and Stove Blacked, ... Rs. 40-0 each  
„ Ground and Berlin Blacked, Best Finish ... Rs. 45-0 „



No. 15.

With ornamental bars and back, finished either fine cast and  
stove blacked or ground and Berlin blacked, the former with  
iron and the latter with brass knobs. Brick back to fire.

Size—Width	...	...	...	...	22½ ins.
Height	...	...	...	...	21½ „
Fire	...	...	...	...	20 „
Extent of Feet	...	...	...	...	26½ „

PRICE, Fine Cast and Stove Blacked .. .. . Rs. 42-8 each  
„ Ground and Berlin Blacked, Best Finish Rs. 50-0 „



No. 16.

This ornamental Dog Grate may be finished fine cast and stove  
blacked or ground and Berlin blacked, the former having iron  
and the latter brass knobs. Brick back to fire.

Sizes—Width	...	...	...	...	22½ ins.
Height	...	...	...	...	22½ „
Fire	...	...	...	...	20 „
Extent of Feet	...	...	...	...	27 „

PRICE, Fine Cast and Stove Blacked .. .. . Rs. 45-0 each  
„ Ground and Berlin Blacked, Best Finish Rs. 55-0 „



# W. LESLIE & CO., CALCUTTA.

## Wrought Iron Bars, Sheets and Plates—

### \*Round, Square, and Flat Bars—

Continental Manufacture .. .. .	per cwt. Rs. 5-12
Our Brand "RH" Crown .. .. .	" " 6-8
Low Moor, Bowling or Farnley .. .. .	" " 23-0
†Swedish .. .. .	" " 9-0

\*Stock bars are imported and supplied in assorted lengths of 14 to 16 feet.

†Swedish Iron is now imported in very few sizes, having been largely superseded by Mild Steel which is soft, strong, and easily worked and welded. For price of mild Steel bars see below.

### ‡Angle Iron—

Continental manufacture .. .. .	per cwt. Rs. 5-14
Our Brand "RH" Crown .. .. .	" " 6-8

‡Stock bars are imported and supplied in lengths running from 24 to 25 feet.

A few sections are also kept in lengths of 30 feet. For extra quality Angle Bars, we recommend Mild Steel, as quoted for below.

### §Tee Iron—

Continental manufacture .. .. .	per cwt. Rs. 5-14
Our Brand "RH" Crown .. .. .	" " 6-8

§Stock bars are imported and supplied in lengths running from 24 to 25 feet.

A few sections are also kept in lengths of 30 feet. For extra quality Tee Bars, we recommend Mild Steel, as quoted for below.

### Sheets, Iron—

*Thickness, B. W. G.—	12 to 20	22 to 24	26 to 28
Staffordshire quality, per cwt. .. .. .	Rs. 7-6	7-14	9-6

†Thickness  $\frac{1}{16}$  and  $\frac{1}{8}$  inch—  
Staffordshire quality .. .. . per cwt. Rs. 7-4

\*Sheets of these thicknesses are only available in two sizes, 4 feet by  $2\frac{1}{2}$  feet and 6 feet by 2 feet. †These sheets can be supplied in all the ordinary sizes from 6 feet by 3 feet to 8 feet by 4 feet for the  $\frac{1}{16}$  in. and up to 12 feet by 4 feet for the  $\frac{1}{8}$  in. When required for flanging or bending to sharp angles, we recommend the Mild Steel Sheets quoted for below.

### Plates, Iron—

* Thickness .. ins.	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	and 1—			
Continental manufacture .. .. .										per cwt.	Rs.	6-6
Staffordshire quality .. .. .										"	"	7-0

\*The stock of Continental Plates is small, and limited to medium sizes; but we can supply Staffordshire plates from stock in all the usual widths, and of lengths up to 15 or 20 feet, in the medium thicknesses. For extra quality Plates we recommend the Mild Steel quoted for below.

## Mild Steel Bars, Sheets and Plates—

### \*Round, Square and Flat Bars—

Continental manufacture .. .. .	per cwt. Rs. 6-12
British; Siemens-Martin process .. .. .	" " 7-4

\*Stock bars are imported and supplied in assorted lengths running from 14 to 16 ft.

### †Angle Bars, Steel—

Continental manufacture .. .. .	per cwt. Rs. 6-14
---------------------------------	-------------------

†Stock bars are imported and supplied in lengths running from 24 to 25 feet. A few sections are also kept in 30 feet lengths.

### ‡Tee Bars, Steel—

Continental manufacture .. .. .	per cwt. Rs. 6-14
---------------------------------	-------------------

‡Stock bars are imported and supplied in lengths running from 24 to 25 feet. A few sections are also kept in 30 feet lengths.

### §Sheets, Steel—

Thickness....ins.	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1—
Continental manufacture .. .. .	..	..	..	..	per cwt.	Rs.	8-8		

§These sheets will stand flanging or bending to a sharp right angle without fracture, and are available in all ordinary sizes from 6 ft.  $\times$  3 ft. to 10 ft.  $\times$  4 feet.

### ¶Plates, Steel—

Thickness....ins.	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	and 1—			
Continental manufacture .. .. .										per cwt.	Rs.	7-0
British; Siemens-Martin process, Best Boiler quality, tested .. .. .										"	"	9-0

¶These plates are available in all ordinary sizes, and will stand flanging and bending to a sharp right angle without fracture.

## Rolled Steel Beams—

These are available from stock in a variety of sections from 5-in.  $\times$  3-in. to 15 $\frac{1}{2}$ -in.  $\times$  6 $\frac{1}{2}$ -in. in lengths of 20, 25, and 30 feet .. .. . per cwt. Rs. 6-6 to 6-10

Special lengths are cut at rates which cover loss from waste. Other sections supplied to order in the course of a few weeks.

## Cast Steel, Tempering Qualities—

Mile Round for Jumpers and Crowbars, ordinary quality .. .. .	per cwt. Rs. 11-0
Miners' Drill, Octagonal Square, extra quality .. .. .	" " 21-0
Tool qualities, best warranted .. .. .	" " 30 to 45-0

\*Stock bars, up to and inclusive of  $1\frac{1}{8}$  in. are supplied in lengths of about 14 feet;  $1\frac{1}{4}$  in. and upwards in lengths of about 12 feet.

## Galvanized Iron and Steel Sheets—

### \*Galvanized Corrugated Iron Sheets—

Thicknesses, B. W. G.	20, 22 and 24
Sheets, 32 inches wide, 6, 7, 8 and 9 feet long .. .. .	per cwt. Rs. 10-0
Extra for 10 feet sheets .. .. .	" " 0-4

\*These sheets have 10 corrugations of 3-inch pitch.

### \*Galvanized Flat Sheets

Thickness, 24 B. W. G. to $\frac{1}{8}$ inch	Staffordshire Iron, Galvanized .. .. .
per cwt. Rs. 11-8	

†These sheets are available 6 and 8 feet long  $\times$  3 and 4 feet wide.

# PRICE LIST OF METALS, &c.

## Lead, Zinc and Tin—

Pig Lead, ordinary .. .. .	per cwt. Rs. 14-8; Best Blue, Rs. 15-4
*Lead Sheets, in rolls, 30 feet $\times$ 7 feet .. .. .	per cwt. " 16-8
Spelter, Hard, in ingots .. .. .	" " 17-12
Spelter, Virgin .. .. .	" " 24-0
Zinc Sheets, plain 7 feet $\times$ 3 feet, 26 B. W. G. to $\frac{1}{4}$ -in. .. .. .	" " 24-0
Do. Do. perforated, 8 ft. $\times$ 3 feet $\times$ 26 B.W.G. .. .. .	each " 3-4
Tin, Block, in ingots .. .. .	per cwt. " 80-0
Tin Sheets, 14-in. $\times$ 20-in., varying thicknesses, per box of 100 .. .. .	Rs. 18 to 24-0

\*These sheets are available from stock of varying thicknesses weighing 4, 5, 6 and 7 lbs. per square foot. Cut pieces are charged Re. 1-8 per cwt. extra.

## Brass, Copper, Muntz Metal, &c.—

Brass Sheets, 4 feet $\times$ 4 feet, $\frac{1}{16}$ " thick and under .. .. .	per cwt. Rs. 57-8
Do. Do. do. $\frac{1}{8}$ " thick .. .. .	" " 60-0
Do. Plates, 4 feet $\times$ 4 feet, $\frac{3}{16}$ " and $\frac{1}{4}$ " .. .. .	per cwt. " 65-0
Do. Tubes, 16 feet long, $\frac{1}{2}$ intl. dia. and over .. .. .	per lb. " 0-15
Do. do. do. $\frac{3}{8}$ " .. .. .	" " 1-2
Copper Sheets 4 feet by 4 feet, $\frac{1}{16}$ " thick and under .. .. .	per cwt. " 60-0
Do. do. do. $\frac{1}{8}$ " thick .. .. .	" " 65-0
Do. Plates, 4 feet by 4 feet, $\frac{3}{16}$ " and $\frac{1}{4}$ " .. .. .	" " 72-8
Do. Ingots and Tiles .. .. .	Rs. 55 to 60-0
Do. Rods .. .. .	Rs. 65-0
Do. Tubes, 16 feet, long $\frac{1}{2}$ intl. dia. and over .. .. .	per lb. " 0-15
Do. do. do. $\frac{3}{8}$ " .. .. .	" " 1-2
Muntz Metal Sheathing 6 to 8 oz. .. .. .	" " 0-11
Do. do. do. 10 to 16 oz. .. .. .	" " 0-10
Babbitts Metal, Ingots .. .. .	" " 0-11
Phosphor Bronze, Ingots .. .. .	No. 7, per lb. Re. 1-2; No. 11 1-2

## Pipes, Iron and Stoneware—

### \*Cast Iron Pipes, Spigot and Socket Ends, with either plain

or turned and bored ends .. .. .	per cwt. Rs. 6-8
Bends, Tees, Collars, &c. .. .. .	" " 9-0

\*These Pipes, from  $2\frac{1}{2}$  inch bore upwards, are in lengths of 9 feet exclusive of Socket. Pipes of 2 inch bore are in 6 feet lengths, and are charged 6 annas per cwt. extra.

### Cast Iron Pipes, Flanged, in 9 feet lengths

Bends, Tees and other ordinary Specials .. .. .	per cwt., Rs. 7-4
---	-------------------

## Portland Cement, Fire Brick, Tar, &c.—

### Portland Cement, White Bros. Guaranteed quality,

in casks of 400 lbs. gross. .. .. .	per cask Rs. 10-0
Do. do. other brands .. .. .	per cask Rs. 9 to " 9-12
Fire Bricks .. .. .	per hundred " 12-0
Coal Tar .. .. .	per cask " 16-12
Stockholm Tar .. .. .	" " 22-8

## Manila and Coir Ropes—

Manila Rope, in Coils of 120 fathoms .. .. .	per cwt. Rs. 37-8
Coir Rope, in any length .. .. .	per cwt. Rs. 11-8 to " 15-0

Cut lengths of Manila Rope are charged at 6 Annas per pound.

## Teak Doors and Windows.

### Full Glass and Half-Panel Doors, complete with Glass, Hinges and Screws.

Size, 6-ft. 6-in. by 3-ft. 6-in. .. .. .	Rs. 22-0
" 7-ft. 6-in. by 3-ft. 9-in. .. .. .	" 25-0
" 8-ft. by 4-ft. .. .. .	" 30-0

### Jhill Mill and Full-Panel Doors, complete with Hinges and Screws.

Size, 6-ft. 6-in. by 3-ft. 6-in. .. .. .	Rs. 22-0
" 7-ft. by 3-ft. 9-in. .. .. .	" 25-0
" 8-ft. by 4-ft. .. .. .	" 30-0

Windows, 4-ft. by 3-ft., Rs. 10-8; 5-ft. by 3-ft., Rs. 13-0; 6-ft. by 4-ft., " 21-0

## Engines, Boilers, Machinery, Hardware, &c.

We have the following Machinery, &c., on hand, or to arrive, and can give early delivery. Our stock of Tools, Hardware, &c., is the largest in India, enabling us to execute orders with promptitude and despatch.

### Portable Engines.

#### Horizontal and Vertical Engines.

#### Boilers—Steel, Vertical and Horizontal.

#### Centrifugal Pumps, 4, 6, 7, and 8 inches.

#### Steam Pumps, Direct-acting, with and without boilers.

#### Fire Engines, Shand and Mason's, Metallic, Manual power, with hose and fittings.

#### Pulsometers, with and without boilers.

#### Pumps, Lift and Force, of all kinds, for hand and bullock power.

#### Lathes—Sliding, Surfacing, and Screw-cutting, 6 to 9-in. centres.

#### Drilling and Screwing Machines of various sizes.

#### Mortar Mills, for steam and bullock power, 6, 7, and 8 feet pans.

#### Crab Winches, Pulley Blocks, Lifting Jacks and Chains.

#### Sluice Valves and Water Supply Fittings.

#### Asphalte and Boiler Covering Composition, Sanitary Appliances & Fittings.

#### Blacksmiths', Riveters', and Fitters' Tools, Anvils, Portable Forges, &c.

#### Carpenters' and Joiners' Tools, Weigh-beams and Platform Weighing

#### Machines.

#### Pickaxes, Shovels, Powrahs, Drills and Crowbars.

#### Fencing Wires and Wire Fencing complete, Wire Netting, Webbing and

#### Gauze, Water Cocks, Steam Cocks and Valves.

#### Silicate Paints, Linseed Oil, Turpentine, Driers, &c.

#### Carbolic and Sanitas Disinfecting Powders.

#### General Hardware of all description.

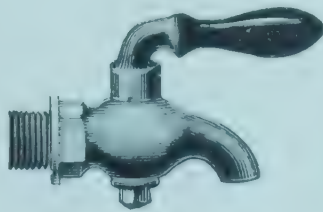
Prices are without engagement. All metals are very firm with an upward tendency from 10 to 20% advance.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.

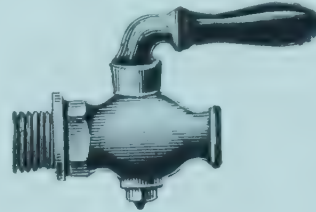
## BEST STEAM FITTINGS.



**Best Gun-Metal Gauge Cock, No. 110.**

Screwed for Iron Tube and tested by hydraulic pressure to 200 lbs. per square inch.

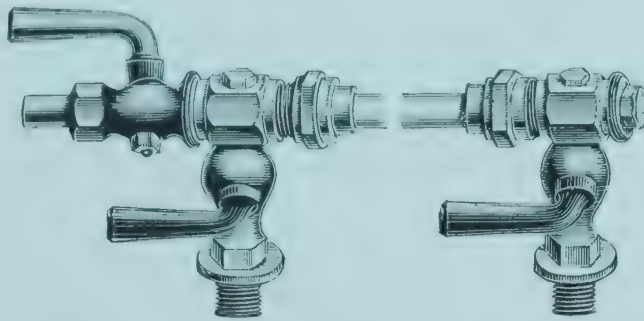
Size, in. ...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Price, Rs. each	1-14	2-8	3-10	5-4	6-8	9-0	11-0



**Best Gun-Metal Gauge Cock. No. 114.**

All Steam Cock, tested to 220 lbs. hydraulic pressure per square inch.

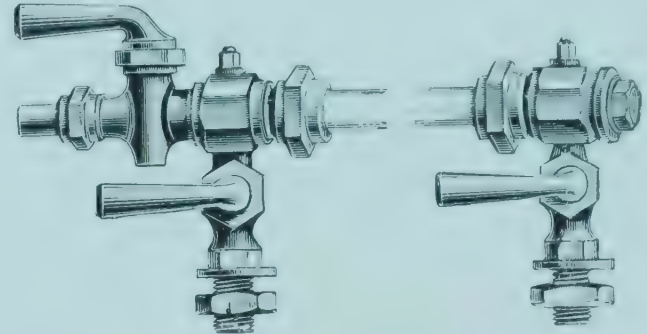
Sizes, in. ...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Price, Rs. each	1-8	2-4	3-4	5-0	6-0



**Best Gun-Metal Water Gauge.**

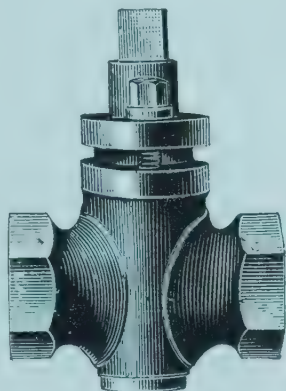
No. 100, tested to 200 lbs. per square inch.

Sizes, in. ....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Price, Rs. each	15-0	18-0	25-0	30-0



**Patent Asbestos Packed Gun-Metal Gauge Cocks.**

Sizes, in. ...	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Price, Rs. per set	35	47-8	52-8



**Gun-Metal Steam Gland Cocks. No. 343.**

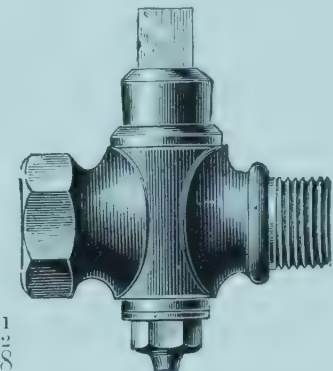
Tested to 200 lbs. pressure, screwed for Iron Pipes.

Sizes, in. ...	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Price, Rs. each	3-0	4-8	7-0	9-12	13-8	20-0	22-8



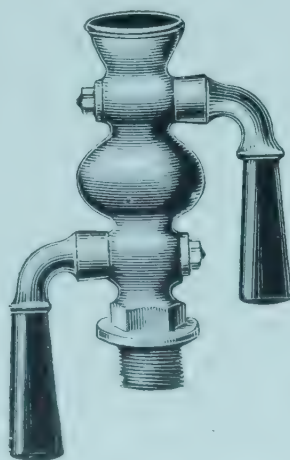
**Gun-Metal Steam Unions, No. 44.**

Sizes in. ...	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price, Rs. each	1-12	2-4	3-2	5-0	5-8



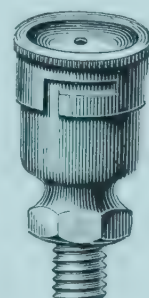
**Gun-Metal Steam Plug Cock, Screwed, male and female Screw, No. 340.**

Sizes, in. ...	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price, Rs. each	2-12	8-12	5-12	8-4	11-0



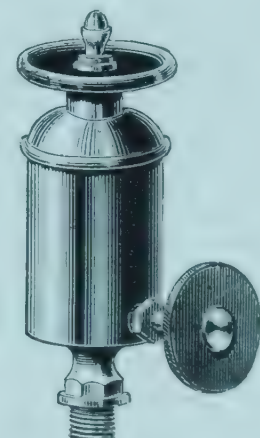
**Gun-Metal Double Tallow Caps. No. 20.**

Sizes, in. ...	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Price, Rs. ...	5-0	6-12	7-8	10



**Gun-Metal Oil Syphons. No. 6.**

Sizes, in. ...	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Price, Rs. each	1-0	1-4	1-12	2-4



**Suet Lubricator, No. 25, as illustrated.**

Sizes, in. ...	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Price, Rs. each ...	6-0	8-0	10-0

Prices are subject to fluctuation.

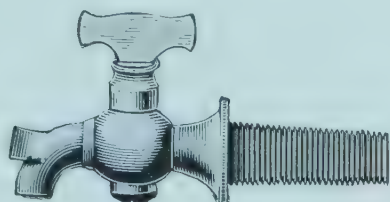


W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## SPIRIT COCKS, BEER COCKS, AND BOTTLING COCKS.

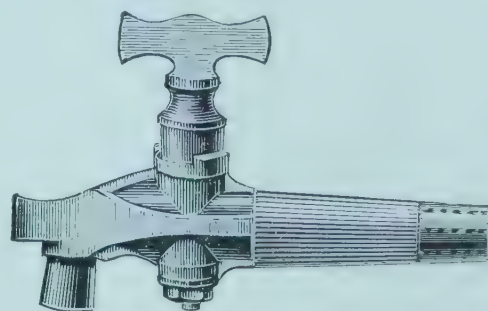


No. 299. Spirit Cocks, nickel-plated, with fast keys.

Sizes	...	...	$\frac{3}{8}$ -in.	...	$\frac{1}{2}$ -in.
Price, Rs.	...	...	2-0	...	3-0 each.

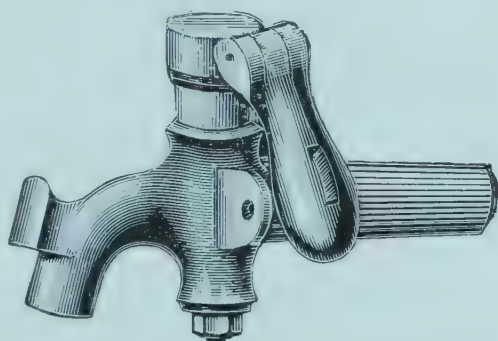
No. 299. Spirit Cocks, Brass, with fast keys.

Sizes	...	...	$\frac{3}{8}$ -in.	...	$\frac{1}{2}$ -in.
Price, Rs.	...	...	1-8	...	1-12 each.



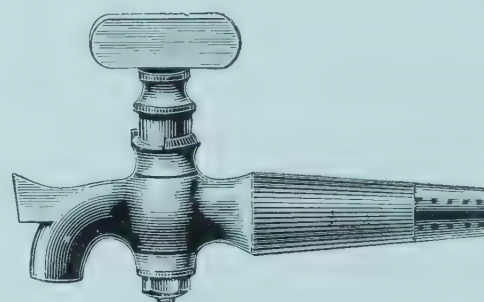
No. 266. Beer Cock, Brass, fast keys.

Size	...	...	$\frac{1}{2}$ -in.	...	$\frac{3}{4}$ -in.
Price, Rs.	...	...	2-8	...	3-4 each.



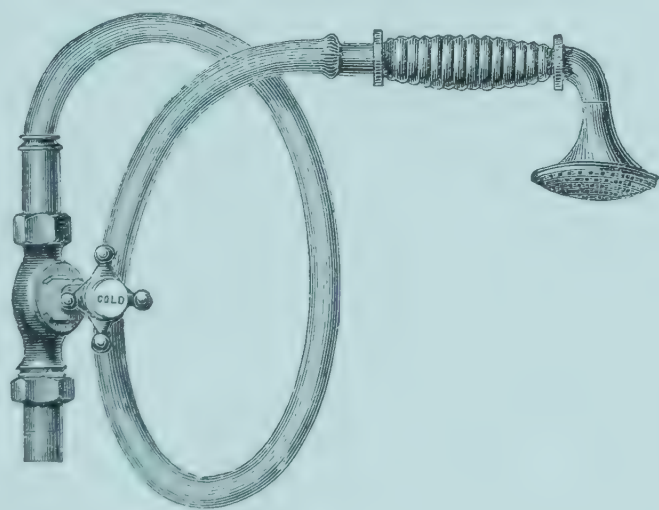
No. 280. Brass Locking Cocks, for padlock, as illustrated.

Sizes	...	...	$\frac{1}{2}$ -in.	...	$\frac{3}{4}$ -in.
Price, Rs.	...	...	3-12	...	5-12 each.



No. 267. Beer Cocks, Brass, loose keys.

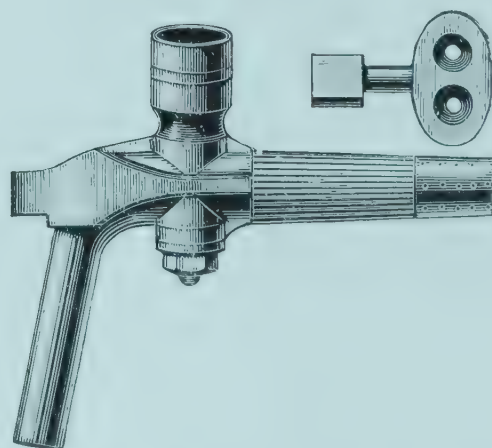
Sizes	...	...	$\frac{1}{2}$ -in.	...	$\frac{3}{4}$ -in.
Price, Rs.	...	...	3-4	...	3-12 each.



No. 669. Shampoo Valve, Nickel-plated, rose horn handle, and 5-ft. India-rubber tubing. Cold only. All metal parts nickel-plated.

Size, $\frac{1}{2}$ -in.	...	...	...	...	Price, Rs. 21-0
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## BOTTLING COCKS.



No. 273. Brass Bottling Cock, with loose key.

Size, $\frac{1}{2}$ -in.	...	...	...	Price, Rs. 3-12 each.
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No. 274. Nickel-plated Bottling Cock, with loose key.

Size, $\frac{3}{4}$ -in.	...	...	...	Price, Rs. 5-0 each.
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## Water Gauge Glasses.

Sizes	...	12 by $\frac{1}{2}$	14 by $\frac{1}{2}$	16 by $\frac{1}{2}$	14 by $\frac{3}{8}$	16 by $\frac{3}{8}$	in.
Price	Rs.	2-4	2-12	3-4	3-12	4-0	doz.
Sizes	...	18 by $\frac{3}{8}$	14 by $\frac{3}{4}$	16 by $\frac{3}{4}$	18 by $\frac{3}{4}$	...	in.
Price	Rs.	4-4	4-8	4-12	5-0	...	doz.

## Enamelled Water Gauge Glasses.

Sizes	...	...	12 by $\frac{3}{8}$	14 by $\frac{3}{8}$	16 by $\frac{3}{8}$	18 by $\frac{3}{8}$	in.
Price	...	Rs.	7-4	8-4	9-0	10-0	doz.
Sizes	...	...	12 by $\frac{3}{4}$	14 by $\frac{3}{4}$	16 by $\frac{3}{4}$	18 by $\frac{3}{4}$	in.
Price	...	Rs.	8-8	10-0	11-8	13-8	doz.

Please Ask Cash.

We hold a large and complete stock of all kinds of Cocks and Valves.

Terms—Net Cash



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## WATER BIB & STOP COCKS.

### Screw-down Bib Cocks.

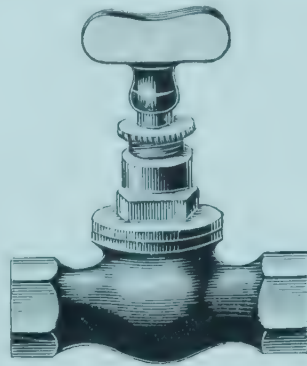


No. 028a.—Polished Brass Screw-down Bib Cocks,  
Male Screw for Iron Pipes, as illustrated.

Sizes...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.  $1\frac{1}{4}$ -in.  
Price, Rs.... 1-9 ... 2-4 ... 4-0 ... 8-8 each.

Sizes...  $1\frac{1}{2}$ -in.  $1\frac{3}{4}$ -in. 2-in.  
Price, Rs.... 13-8 ... 16-8 ... 25-0 „

### Screw-down Stop Cocks.



No. 28 $\frac{1}{2}$ b.—Brass Screw-down Stop Cocks.

Screwed for Iron Pipes, as illustrated.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.  $1\frac{1}{4}$ -in.  $1\frac{1}{2}$ -in.

Special

Price, Rs. 1-10...3 10...4-0...11-0 ...16-8 each.

### Polished Brass Screw-down Bib Cock.

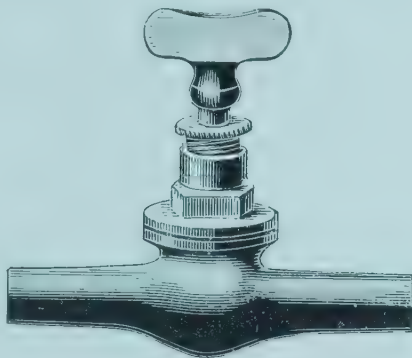


No. 028d.—Polished Brass Screw-down Bib Cock,  
With Hose Union, as illustrated.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.

Price, Rs. ... 2-4 ... 3-4 ... 5-8 each.

### Screw-down Stop Cocks

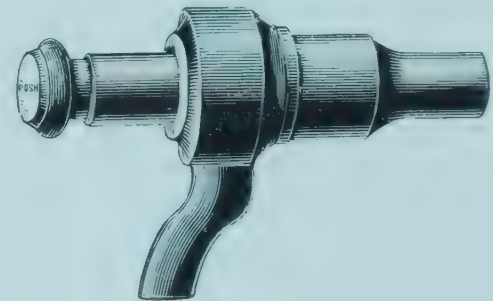


No. 28 $\frac{1}{2}$ .—Brass Screw-down Stop Cocks,  
For Lead Pipes as illustrated.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.

Price, Rs. ... 1-8 ... 2-0 ... 4-0 each.

### Push Cocks.



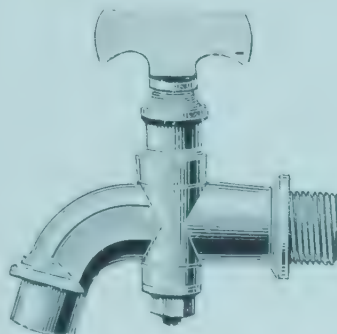
No. 74.—Brass Spring Toilet Push Cocks,  
Male Screw for Iron Pipe.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.

Price, Rs. .. 4-10 ... 6-0 ... 8-0 each.

## RANGE & PLUG BIB COCKS.

### Plug Bib Cocks.



No. 315a.—Brass Plug Bib Cocks

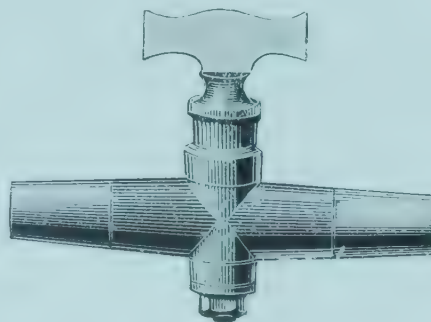
Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.  $1\frac{1}{4}$ -in.  $1\frac{1}{2}$ -in.

Price, Rs. ...2-0 ...3-0...5-0...11-0...16-8 each.

Bib Cocks (Lord Kelvin's) ...  $\frac{1}{2}$  in.  $\frac{3}{4}$ -in.

Price, Rs. ... 4-8 ... 6-8 each.

### Plug Stop Cocks.

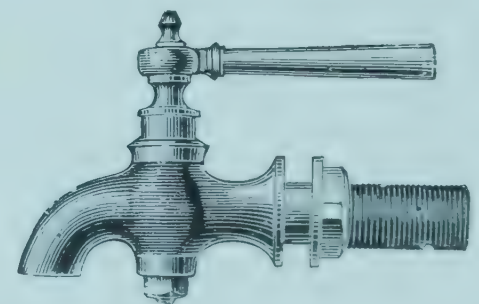


No. 316.—Brass Plug Stop Screwed Female  
Ends for Iron Pipes.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.  
Special Price, Rs.... 2-12 ... 3-12 ... 6-0

Sizes ...  $1\frac{1}{4}$ -in.  $1\frac{1}{2}$ -in.  
Special Price, Rs.... 9-0 ... 18-8 each.

### Brass Range Cocks.



No. 96 $\frac{1}{2}$ .—Brass Range Cocks.

Sizes ...  $\frac{1}{2}$ -in.  $\frac{3}{4}$ -in. 1-in.  $1\frac{1}{4}$ -in.

Special

Price, Rs. ... 1-8 ... 2-8 ... 3-12 ... 7-8 each.

Sizes ...  $1\frac{1}{2}$ -in.  $1\frac{3}{4}$ -in. 2-in.

Special

Price, Rs. ... 12-8 ... 17-8 ... 27-8 „







W. LESLIE &amp; CO.,

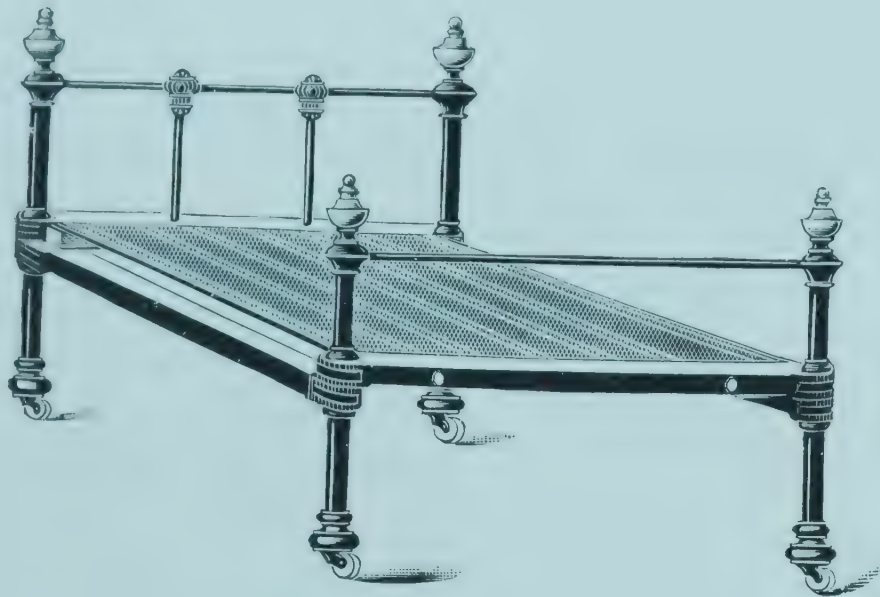
2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD.

CALCUTTA.

## COMBINATION BEDSTEADS,

Fitted with Double Woven Wire Spring Mattresses and Detachable Mosquito Rods.

## AS SUPPLIED TO



H.H. The Nizam of Hyderabad.	The Rajah of Sirmoor.
Sub-Divisional Officer, Barpeta.	General Poorna Jung, Rana Bahadoor.
Civil Surgeon, Tirhoot.	The St. Joseph's School, Darjeeling.
The Calcutta Boys' School.	The St. Helen's, Kurseong.
The St. Vincent's Home.	The Mail Agents, Tipperah.
The Pratt Memorial School.	The Zemindar of Balipara.
The European Orphanage.	The Cawnpore Sugar Works, Cawnpore.
General Hospital.	The District Engineer's Office Gaya.
The Sealdah Railway Institute.	The Himalayan Hotel, Mussoorie.
The Bethune College.	The Lawrence Military Asylum.
The Commissariat Department.	Civil Surgeon, Sultanpur.
The Budge-Budge Jute Mills.	Civil Surgeon, Simla.
The Calcutta Hydraulic Press.	Civil Surgeon, Comilla.
The Cossipore Pressing Company.	Civil Surgeon, Jalpaiguri.
The Inspector-General of Jails.	District Superintendent of Police Sibsagar.
Boys' High School, Naini Tal.	
The "Charlieville" Hotel, Mussoorie.	
The Maharajah of Bhurtpur.	
The Station Hospital, Cawnpore.	

No. 100. Black Japanned Combined French Pattern Bedstead and Spring Mattress, with 1-in. Pillars on Castors, as illustrated.  
6-ft. 6-in. long by 3-ft. 0-in. wide. Price, Rs. 30-0 each. Weight about 82-lbs.  
" " 3-ft. 6-in. " " " 32-8 " " " 100-lbs.

And numerous other Public Institutions, and the Nobility and Gentry throughout India.

Can be used as French, without the Mosquito bars. When the Mosquito Bars are detached the Pillars are low to admit of the Punkah being worked as near the face as possible.

## MATTRESSES.

Coir. Cotton. Wool. Horse-hair.

Size, 6-ft. 6-in. × 3-ft. Rs. 10-8 ... 12-8 ... 14-8 ... 35-0  
" 6-ft. 6-in. × 3-ft. 6-in. " 12-0 ... 15-0 ... 15-8 ... 40-0

Pillows, Cases, Sheets, and Mosquito Nets  
supplied to order.

For complete line in Bedsteads see Furnishing Catalogue.



No. 200. Same pattern as No. 100. Pillars with Mosquito rods, 1/2-in. by 3/8-in., height 6-ft. over all, with Double Corners and Woven Wire Mattress.

6-ft. 6-in. long by 3-ft. 0-in. wide. Price, Rs. 35-0 each. Weight about 97-lbs.  
6-ft. 6-in. " 3-ft. 6-in. " " " 37-8 " " 115-lbs.  
Packing and despatching, Rs. 2-8 each.



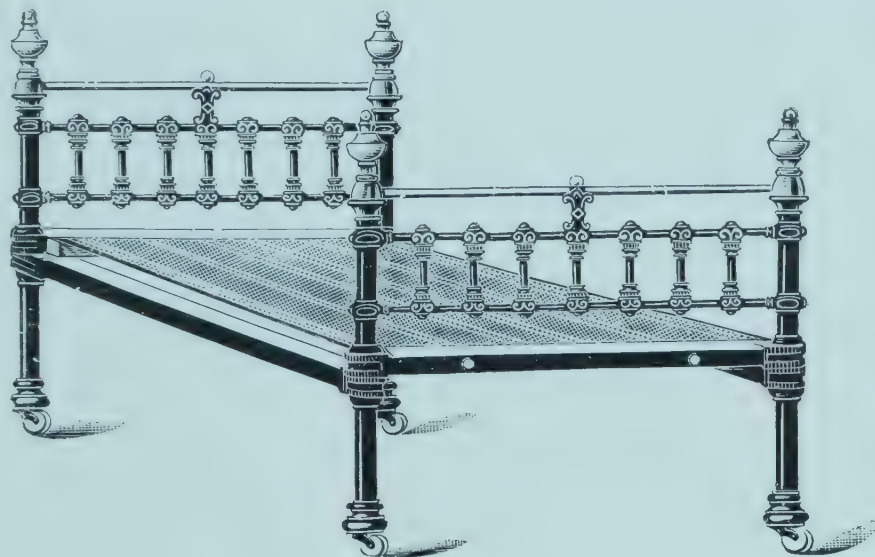
W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.

## COMBINATION BEDSTEADS,

Fitted with Double-woven Wire Spring Mattresses, and detachable Mosquito rods.

All the Bedsteads have strong  $1\frac{3}{4}$ -in. sides.300.— $1\frac{3}{4}$ -in. pillars, height 38 by 42-in., with double corners and double-woven wire mattress.

6-ft. 6-in. by 3-ft. 6-in.	...	...	Rs. 45-0
6-ft. 6-in. by 5-ft.	...	...	Rs. 60-0

## Cair Mattresses.

6-ft. 6-in. by 3-ft. 6-in.	...	Price, Rs. 12-0
6-ft. 6-in. by 5-ft.	...	„ Rs. 17-0

## Cotton Mattresses.

6-ft. 6-in. by 3-ft. 6-in.	...	Price, Rs. 15-0
6-ft. 6-in. by 5-ft.	...	„ Rs. 20-0

## Horse Hair Mattresses.

6-ft. 6-in. by 3-ft. 6-in.	...	Price, Rs. 40-0
6-ft. 6-in. by 5-ft.	...	„ Rs. 52-8

Cair Pillows ... .. Rs. 1-6 each.

Cotton Pillows ... .. Rs. 1-10 each.

Horse Hair Pillows ... .. Rs. 5-0 each.

Feather Pillows ... .. Rs. 5-8 each.

400.—1-in. pillars, with Mosquito rods  $\frac{3}{4}$ -in. by  $\frac{3}{4}$ -in., 7-ft. over all, and double-woven wire mattress.

6-ft. 6-in. by 3-ft. 6-in.	...	...	Rs. 50-0
6-ft. 6-in. by 5-ft.	...	...	Rs. 67-8

Can be used as French, or as drawn, with Mosquito bars. When the Mosquito bars are detached the pillars are low to admit of the Punkah being worked as near the face as possible.

For complete line in Bedsteads see Furnishing  
Catalogue.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

ENAMELLED  
SLATE  
CHIMNEY  
PIECES.

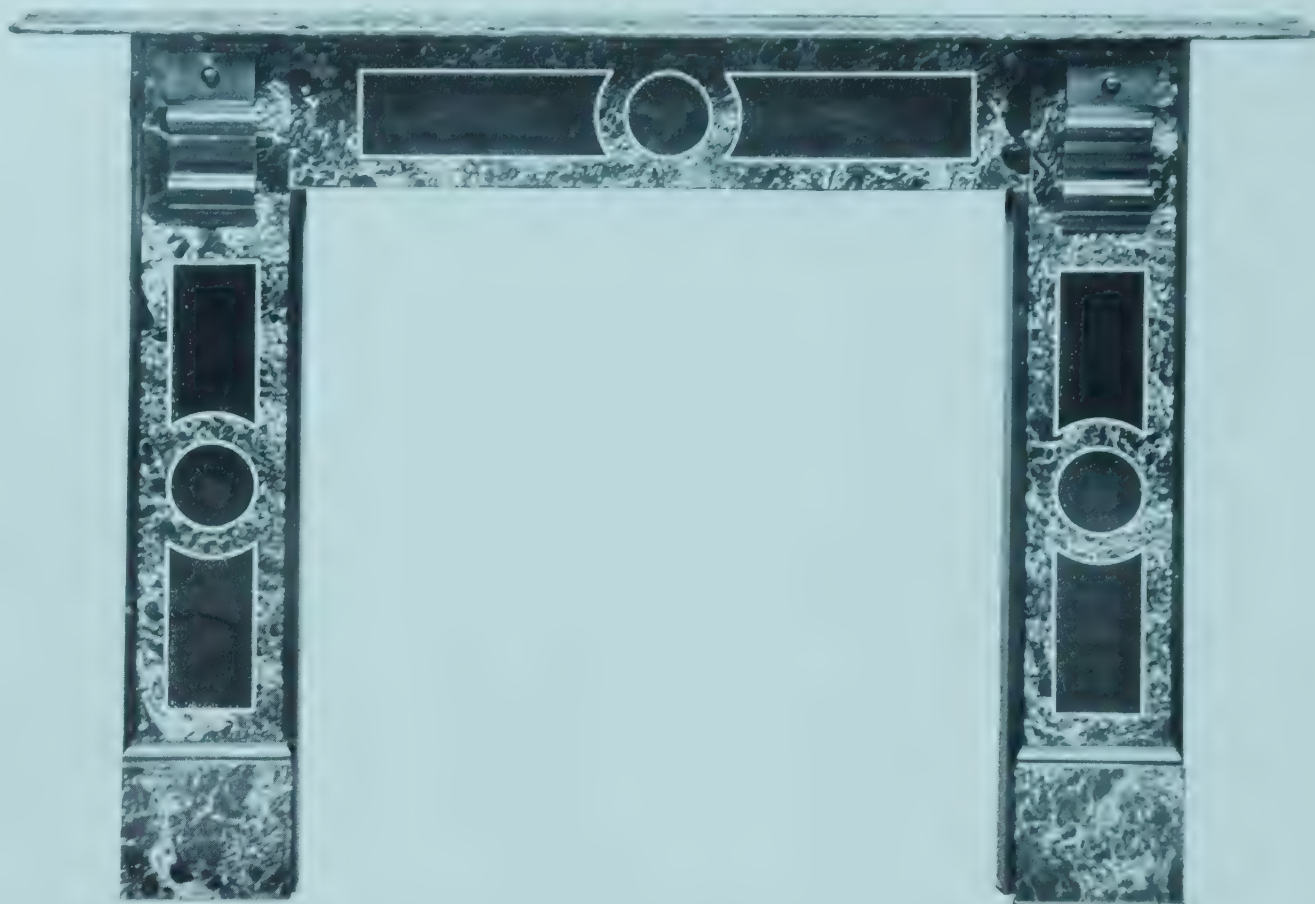
All New Designs shown in this Catalogue are registered, and can only be obtained from us.

No. 268. Genoa Brown Marble, as illustrated, price, Rs. 100-0

No. 244. Austrian Red Marble, 10-in. jams, Rs. 125-0 each.

No. 6B. Rouge Marble, with black and gold lines, 8-in. jams, Rs. 75-0 each.

No. 4A. Black and Rouge 8-in. jams, Rs. 45-0.



No. 268. Genoa Brown, Black Panels, Gold Lines, 9-in. jams, opening 38-in. by 38-in., Rs. 100-0.



No. 262. Genoa Brown, with Black Mounts and Gold Ornaments, 10-in. jams, opening 38-in. by 38-in., Rs. 110-0.

The colours suggested are our Newest Productions.

No. 262. Genoa Brown Marble, as illustrated, 10-in. jams, Rs. 110-0 each.

No. 254. Florentine Brown Marble, 10-in. jams, Rs. 95-0 each.

No. 198B. Arona Brown Marble and Narcissus Panels, 10-in. jams, Rs. 125-0 each.

No. 4A. Black and Rouge, 8-in. jams, Rs. 45-0.

REGISTER GRATES, plain, 30-in. by 36-in. 38-in. by 38-in.  
Rs. 14-8 ... 17-8.

REGISTER GRATES, tile, 38-in. by 38-in.  
Rs. 27-8.



W. LESLIE & CO.,

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47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

} CALCUTTA.

## ENAMELLED SLATE CHIMNEY PIECES.

No. 231. Arona Brown Marble and  
Chrysanthemum Panels, as illus-  
trated, 10-in. jams, Rs. 135 each.

No. 170. Arona Brown and Griotte  
Marble, with gold lines, 11-in.  
jams, Rs. 195 each.

No. 254. St. Anne's Marble, 10-in.  
jams, Rs. 95 each.

### TILE GRATES to suit,

from

Rs. 40-0 to Rs. 65-0.



No. 231. Black with Hand-painted Floral Panels, gold lines and ornaments, 10-in. jams, openings 38-in. X 38-in., Rs. 135-0.

No. 237. Florentine Brown Marble  
and Plaques, 10-in. jams, as  
illustrated, Rs. 115 each.

No. 198b. Arona Brown Marble  
and Ivy Panels, 10-in. jams,  
Rs. 125 each.

No. 254. Genoa Brown Marble,  
10-in. jams, Rs. 95 each.

### TILE REGISTER GRATES to suit,

Rs. 40-0 to Rs. 65-0.



No. 237. Florentine Brown with Hand-painted Floral Panels and Gold Ornaments, 10-in. jams, openings 38-in. X 38-in., Rs. 115-0.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.



## UPRIGHT DRILLING MACHINES.

### BARNES' UPRIGHT DRILLS.

No. 2 $\frac{1}{2}$ ,	28-inch Swing,	Rs. 850-0.
„ 3,	34 „ „	„ 1100-0.
„ 4,	42 „ „	„ 1500-0.

Sliding head, back geared, self feed and automatic stop, and quick return lever for spindle.

These machines are designed with a view of having all the adjusting parts easy of access, and so arranged that the operator can with the least effort control their action. To stop or start the spindle, to change speed, to engage the self feed, to change from fast to slow feed, from hand to self feed, to raise or lower the sliding head on the column, to raise or lower the platen or swing it from under the spindle, to throw in or out the back gearing—all are operated instantly by permanently attached devices for these various purposes. We are now equipping our drills with ball bearing for spindle thrust. The ball bearing reduces friction to a minimum and makes our drills even better than heretofore.

The spindles of the 28 and 34-inch drills are fitted with the No. 4 Morse taper; spindle of 42-inch drill has No. 5 taper. The sliding head and spindle are counterbalanced, all shafts are of steel, the bearings are extra long, the workmanship is first-class in every respect. The dimensions of the drills are as follows:

SPECIFICATION.	28-inch Drill.	34-inch Drill.	42-inch Drill.
Height of drill .. .. .	7-ft. 7-in.	8-ft. 2-in.	8-ft. 10-in.
Distance from spindle to base .. .. .	54 inches.	57 inches.	4-ft. 10 $\frac{1}{2}$ in.
Diameter of column .. .. .	7 $\frac{3}{4}$ „	9 $\frac{1}{4}$ „	10 $\frac{9}{16}$ inches.
Diameter of spindle .. .. .	1 $\frac{1}{8}$ „	1 $\frac{1}{8}$ „	2 $\frac{1}{16}$ „
Width of column face .. .. .	6 $\frac{1}{8}$ „	8 $\frac{1}{16}$ „	10 „
Travel of sliding head .. .. .	25 „	20 „	30 „
Travel of spindle .. .. .	14 $\frac{1}{2}$ „	16 $\frac{1}{2}$ „	18 „
Diameter of large pulley on cone .. .. .	12 „	14 „	16 „
Diameter of small pulley .. .. .	4 $\frac{3}{8}$ „	4 $\frac{1}{8}$ „	7 „
Face of pulleys .. .. .	3 „	3 $\frac{1}{2}$ „	4 „
Tight and loose pulleys .. .. .	12 x 4 „	14 x 4 „	16 x 4 $\frac{1}{2}$ „
Diameter of crown gear .. .. .	8 $\frac{3}{8}$ „	9 $\frac{1}{4}$ „	11 $\frac{1}{4}$ „
Diameter of bevel pinion .. .. .	4 $\frac{1}{2}$ „	4 $\frac{1}{2}$ „	5 $\frac{1}{2}$ „
Face of tooth .. .. .	1 $\frac{1}{8}$ „	2 „	2 $\frac{1}{4}$ „
Ratio of back gearing .. .. .	6 to 1	6 $\frac{1}{4}$ to 1	6 $\frac{1}{4}$ to 1
Speed for tight and loose pulleys on countershaft ..	175	175	125
Weight .. .. .	1800 lbs.	2500 lbs.	4000 lbs.

Terms—Cash.

Prices are subject  
to fluctuation  
without notice.

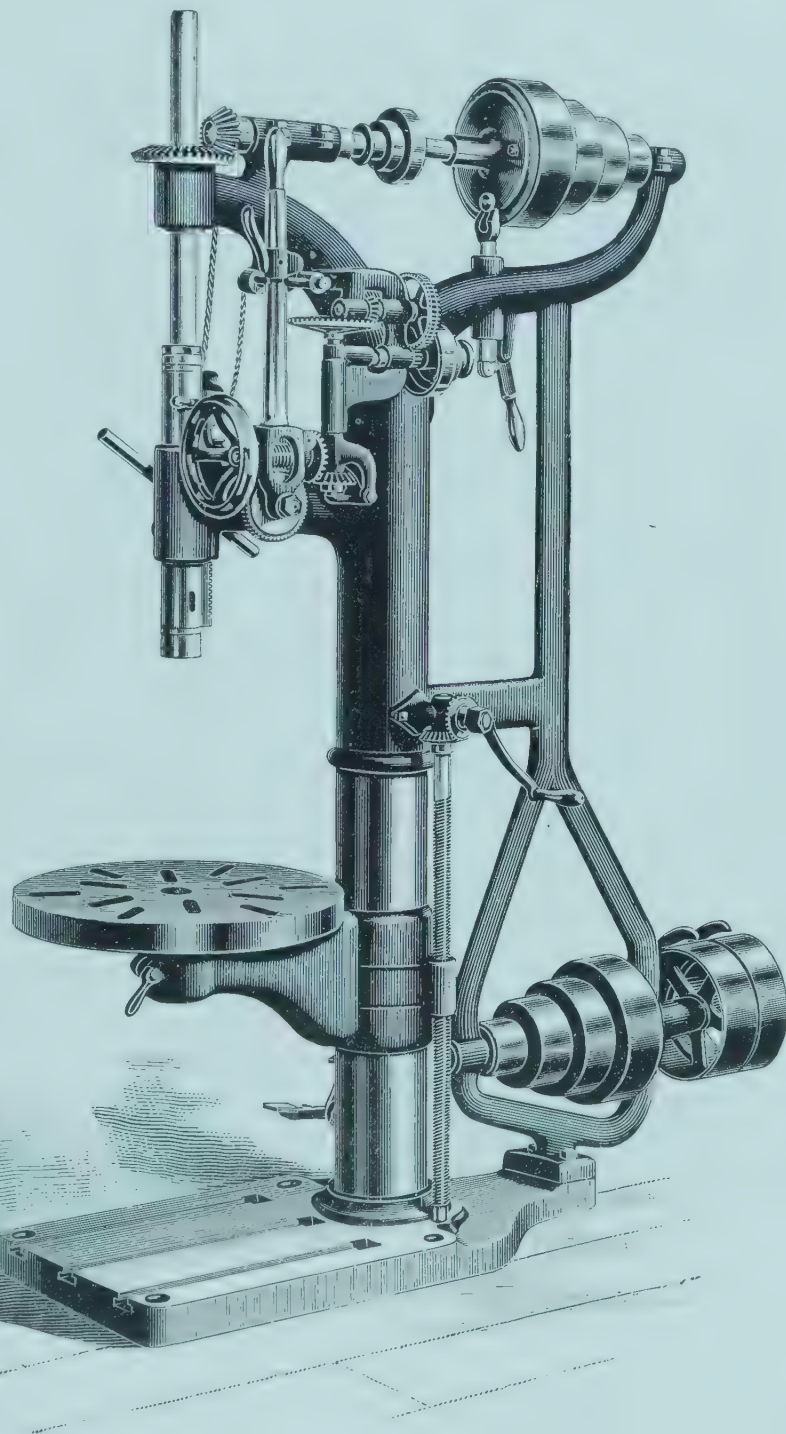
Terms—Cash.

Prices are subject  
to fluctuation  
without notice.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## UPRIGHT DRILLING MACHINES.



### BARNES' UPRIGHT DRILL No. 2.

25-in. Swing ... Rs. 600-0.

Back geared, lever and worm feed, self-feed, with automatic stop, and quick return lever for spindle.

The back gear is inside the cone and is very powerful, compact, durable and comparatively noiseless. It can be brought into or thrown out of use by simply dropping or raising a latch that projects from the face plate of the cone pulley. This latch is easy of access, and can be operated instantly for its designed purpose.

Automatic or self-feed is effected in this machine by use of a pair of cone pulleys, transmitting power through gearing, the mechanism being clearly shown in the illustration.

The feed can be stopped or started instantly, by means of a small lever within easy reach of the operator. An automatic stop, governing the depth of hole to be drilled, is also provided.

The spindle is made of steel, is fitted with the No. 3 Morse taper, and is counterbalanced by a weight in the hollow of the column. The rack and pinion for feeding the spindle are cut from solid Norway iron.

The bevel gearing is also cut from solid iron, and is as nearly noiseless as is possible for metal gearing to be made.

We are now equipping our drills with ball bearings for spindle thrust. The ball bearing reduces friction to a minimum and makes our drills even better than heretofore.

The bearings are long and well fitted, thus insuring long wear.

### SPECIFICATION of No. 2.

Height of the drill is 6-ft. 6-in. Diameter of column, 6½-in. Diameter of spindle, 1½-in.  
Vertical travel of spindle, 14¾-in. Diameter of large pulley on cone, 10-in. Diameter of small pulley on cone, 4-in.  
Diameter of tight and loose pulleys, 10-in. Diameter of bevel gear, 7-in. Diameter of bevel pinion, 3½-in.  
Ratio of back gearing, 5½ to 1. Distance from spindle to base, 3-ft. 8½-in. Required floor space, 60-in. by 19½-in.  
The cones carry 3-in. belt, and have four speeds.  
The tight and loose pulleys on countershaft should be speeded 200.  
The machine will drill to the centre of a 25-in. circle. Weight, 1,000 lbs.

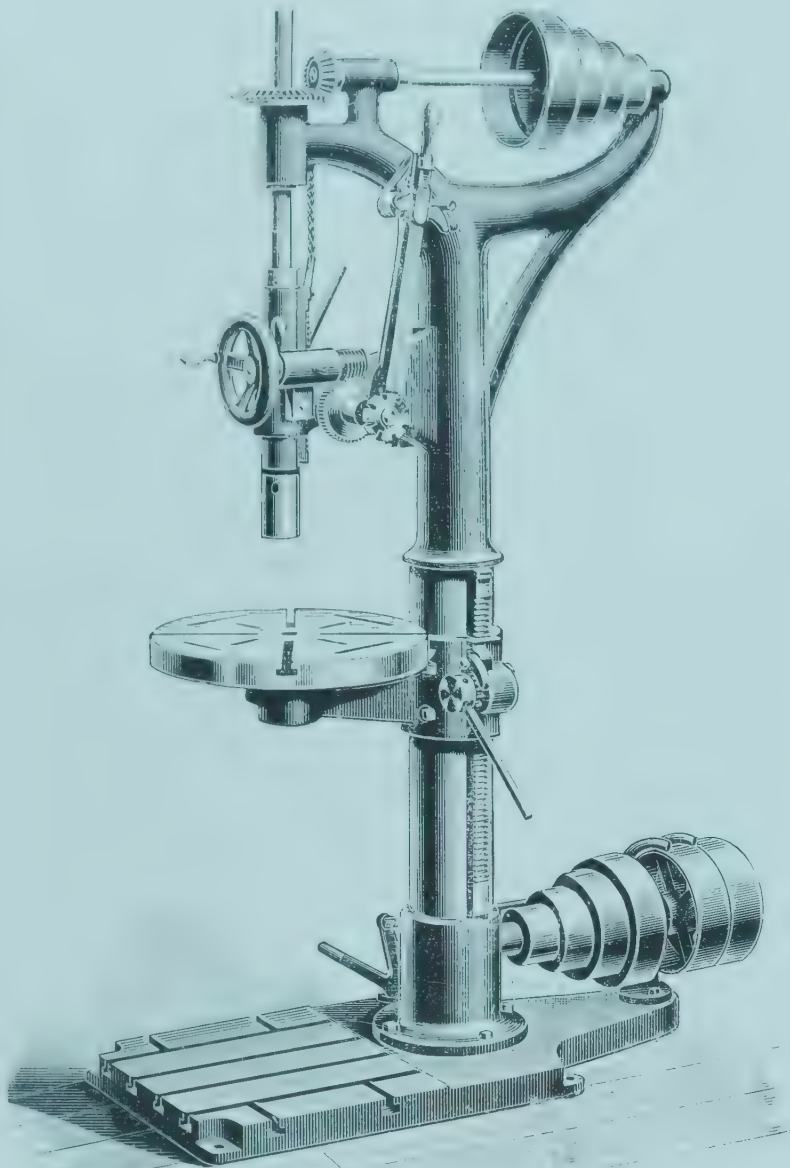
### BARNES' UPRIGHT DRILL No. 5.

26-in. Swing ... .. Rs. 750-0

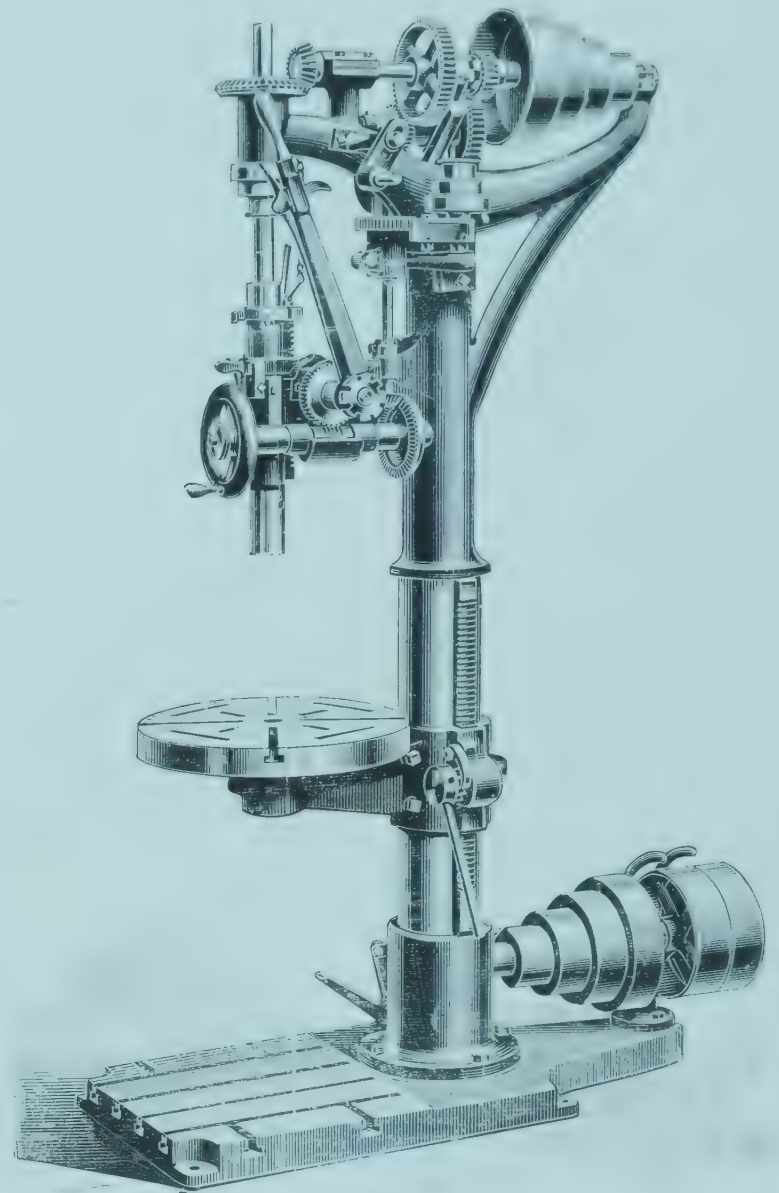


## UPRIGHT DRILLING MACHINES,

With Combined Wheel and Lever Feed and Quick Return Movement.



No. 1. Plain Machine, with Wheel and Lever Feed combined.



No. 4. Double-gear Machine, with Wheel and Lever Feed, Automatic Stop and Power Feed.

The above cuts represent high-class Drilling Machines made of very best materials and workmanship. The rack and pinion in the head and the bevel drilling pinions above, are all cut from solid steel, insuring long wear. The worm and worm-wheel are engaged and disengaged by simply shifting a small handle, which is a very convenient feature. The Spindle is made of hammered steel and counterbalanced. The Table is raised and lowered by means of a rack and pinion, and can be swung round the column out of the way. The base is very large, measuring  $39\frac{1}{2}$  by 43 inches.

The other general dimensions are as follow :—

Distance from Pillar to Centre of Table  $10\frac{1}{2}$  in. Height of Drill 6 ft. 6 in. Diameter of Column  $5\frac{1}{2}$  in. Diameter of Spindle  $1\frac{7}{8}$  in. Will drill up to  $1\frac{7}{8}$  by 6 in. deep. Diameter of Table  $18\frac{1}{2}$  in. Greatest distance from Spindle to Table  $25\frac{1}{4}$  in. Greatest distance from Spindle to Base 43 in. Size of Fast and Loose Pulleys  $9\frac{1}{4}$  by 3 in. Largest Cone Pulley  $9\frac{1}{4}$  by  $2\frac{1}{4}$  in. Speed of Countershaft on Drill Press 250. Approximate Weight 750 lbs.

The Spindle of Machine is bored to No. 3 Twist Drill Taper.

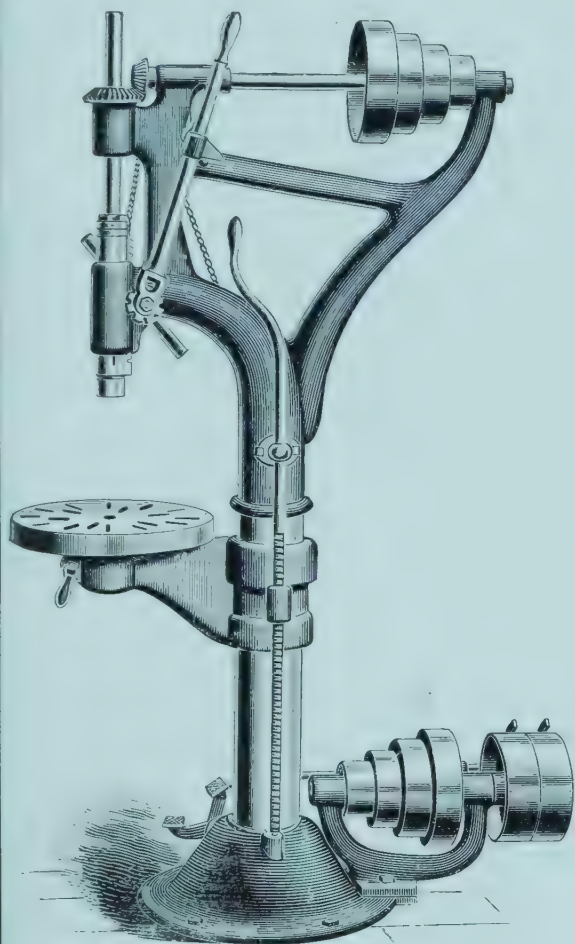
Prices.—No. 1. Plain, with Wheel and Lever Feed combined (as per illustration) ...  
No. 4. Double-gear, with Wheel and Lever Feed, Automatic Stop and Power Feed  
(as per illustration) ...

We hold a large stock of light machinery.



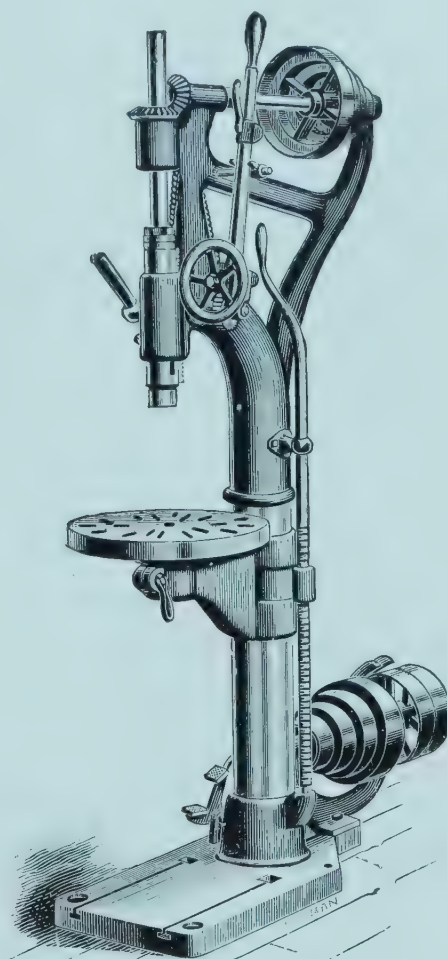
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

BARNES' UPRIGHT DRILL No. 1, 20-inch Swing.



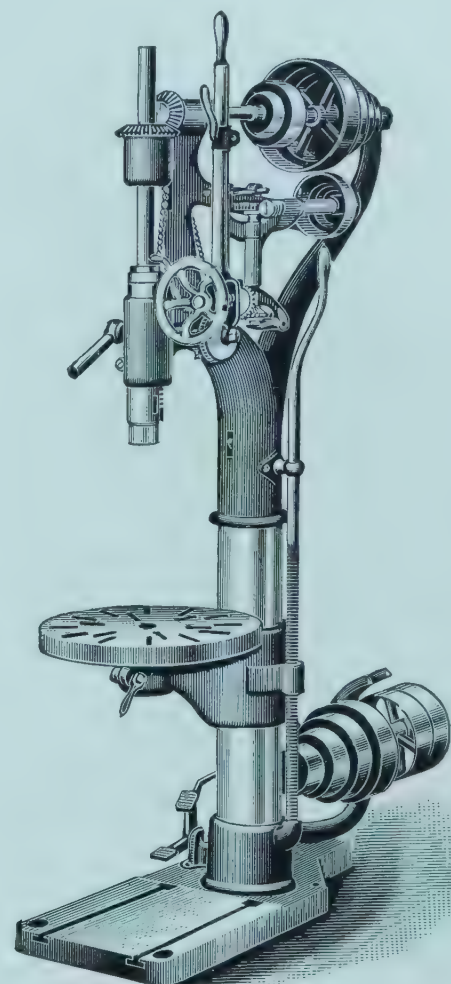
Lever Feed.

Price ... .. Rs. 250-0.



Lever and Worm Feed.

Price ... .. Rs. 300-0.



Self Feed and Automatic.

Price ... .. Rs. 350-0.

BARNES' UPRIGHT DRILL No. 1.

20-inch Swing.

This Drill is now so well-known and widely used that it has become the standard drill of its size on the market.

It embodies several desirable features not found in other drills. One of these is the very convenient and effective method of raising and lowering the platen, by means of a screw placed parallel with the column, the handle of which is within easy reach of the operator.

The platen turns in the arm that supports it, and by swinging the arm on the column it can be thrown out from under the drill spindle.

Both the platen and its supporting arm can be clamped firmly in place by clamping screws, which have levers attached, thus avoiding the use of wrenches or of any detached tools for adjusting the machine.

The spindle is fitted with the No. 3 Morse taper and is counterbalanced by a weight in the hollow of the column.

The bevel gearing is cut from the solid, and is as nearly noiseless as it is possible for metal gearing to be.

The bearings are long and accurately fitted.

Each drill has quick return lever.

We are now equipping our drills with ball bearing for spindle thrust. The ball bearing reduces friction to a minimum, and makes our drills even better than heretofore.

Height of drill is 67 ins. Diameter of column,  $5\frac{1}{4}$  ins. Diameter of spindle,  $1\frac{5}{8}$  ins. Vertical travel of spindle, 9 ins. Diameter of large pulley on cone, 8 inches. Diameter of small pulley on cone, 4 inches. Diameter of tight and loose pulleys, 8 inches.

Diameter of bevel gear,  $4\frac{1}{8}$  inches. Diameter of bevel pinion,  $3\frac{1}{4}$  inches.

Distance from spindle to floor (round base), 43 inches. Distance from spindle to floor (square base), 41 inches.

The cones carry two-inch belt, and have four speeds.

The tight and loose pulleys on countershaft should be speeded 225.

Weight of drill, 500 to 560 pounds.

Terms Cash.

Prices are subject to fluctuation without notice.

Terms Cash.



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2-6, CHOWRINGHEE ROAD.

# CALCUTTA.

## WROUGHT-IRON OPEN CISTERNS.

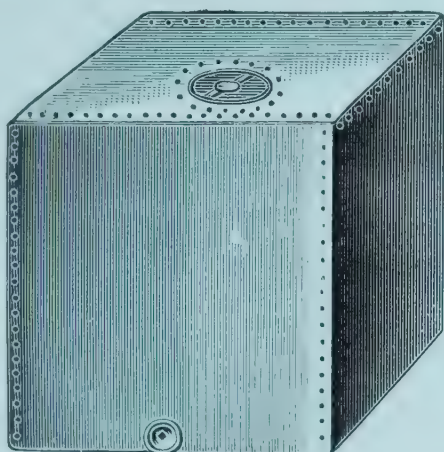
With Angle Iron round Top.



Gallons.	Length	Width.	Depth.	Ordinary. Strong Iron Galvanized]
About	ft. in.	ft. in.	ft. in.	
20 ...	2 0 ...	1 4 ...	1 3 ...	Rs. 14-8
30 ...	2 0 ...	2 0 ...	1 3 ...	" 20-0
40 ...	2 0 ...	2 0 ...	1 7 ...	" 22-8
50 ...	2 0 ...	2 0 ...	2 0 ...	" 29-0
60 ...	3 0 ...	2 0 ...	1 8 ...	" 32-8
80 ...	3 0 ...	2 2 ...	2 0 ...	" 40-0
100 ...	3 0 ...	2 6 ...	2 2 ...	" 47-8

## WROUGHT-IRON TANKS

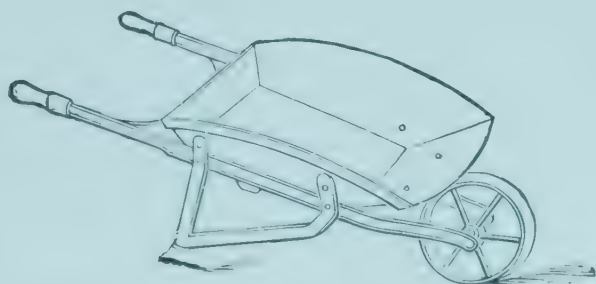
Painted or Galvanized, with Fast Top, Manhole, and Cover.  
Without Brass Tap and Plug.



400 gallon, 4 feet cube...Painted Rs. 67-8; Galvanized Rs. 90-0

## WROUGHT-IRON WHEELBARROWS.

For Home or Export.



No. 1. Galvanized Body, size 27-in. by 25-in. by 10-in., weight 73-lbs. ... Rs. - each.

Terms Cash.

Our Workshops cover a space of 2½ Biggahs.

## GALVANIZED CISTERNS or TROUGHS.

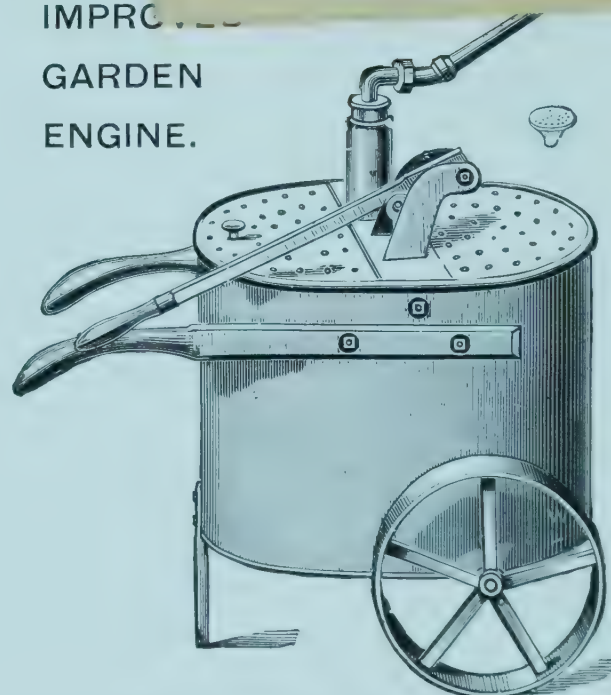


Cattle Troughs.	Galvanized Cisterns.
60 gallons .. Rs. 30-0	Size 30 gallons ... Rs. 20-0 each.
80 " " " 40-0	" 50 " " " 27-8 "
100 " " " 47-8	" 80 " " " 36-0 "
120 " " " 55-0	" 120 " " " 50-0 "
150 " " " 65-0	" 200 " " " 70-0 "
200 " " " 80-0	" 300 " " " 90-0 "

## SELF-REGULATING

The new Self-regulating  
no attention.  
register units  
the Calcutta  
mission  
Packing and

## IMPROVED GARDEN ENGINE.



The body is constructed of strong Sheet Iron, painted outside, and the handles are bolted to the body by Bolts and Nuts; the Wheels are made of Cast-iron with Wrought-iron Axles.  
12 gallons ... Price, Rs. 75-0. 16 gallons ... Price, Rs. 90-0.  
24 gallons ... Price, Rs. 105-0.

Terms Cash.



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## BEST CHARCOAL TIN SHEETS.

Inches ... .. Number of sheets in box ... ..	14 X 10 225	20 X 14 112	28 X 10 112	28 X 20 56
1 C per box ... .. Rs.	18-8	19-0	20 0	21-0
1 X " " ... .. "	21-0	23-0	...	...
1 X X " " ... .. "	26-0	26-0	...	...

Inches ... .. Number of sheets in box ... ..	17 X 12½ 100	17 X 25 50	34 X 25 50
D C per box ... .. Rs.	17-0	...	...
D X " " ... .. "	20-0	21-0	...
D X X " " ... .. "	22-8	22-8	...
D X X X " " ... .. "	...	27-8	...
D X X X X " " ... .. "	...	32-0	...

Coke, I. C. Tin Sheets, 14 by 20 inches, per box of 225 sheets ... .. Rs. 12-8

## BRASS STEAM TUBES, Solid Drawn.

¾-in. outside diameter ... by 16 W. G.	...	...	per lb. Rs. 1-2
½-in. " " ... 16 W. G.	...	...	As. 0-15
¾ and ¾-in. outside diameter " 16 W. G.	...	...	" " 0-14
¾-in. " " " 16 W. G.	...	...	" " 0-14
1-in. " " " 14 W. G.	...	...	" " 0-13
1¼-in. " " " 12 W. G.	...	...	" " 0-13
1½-in. " " " 12 W. G.	...	...	" " 0-13
1¾, 2, 2¼-in. " " " 11 W. G.	...	...	" " 0-13

Brass Steam Tubes, Braized, ¼-in. outside diameter by 18 W.G. ... .. per lb. Rs. 1-8  
 Brass Wire, No. 0 to 20 ... .. per lb. Rs. 0-12. No. 22 to 24 ... .. per lb. Rs. 0-14  
 Brass Sheet, 4-ft. X 4-ft. X ⅛ and ⅜-in. ... .. Rs. 57-8 to 65-0  
 Brass Rods, ⅜, ½, ⅝, ¾, 7-8-ft. ... .. Rs. 65-0

## COPPER STEAM TUBES, Solid Drawn.

¾-in. outside diameter ... by 18 W.G.	...	...	Rs. 1-3 per lb.
½ and ⅝-in. outside diameter " 16 W.G.	...	...	As. 0-15 "
¾ and 7-8-in. " " 16 W.G.	...	...	" 0-15 "
1-in. " " 14 W.G.	...	...	" 0-14 "
1⅛, 1¼ and 1⅜-in. " 12 W.G.	...	...	" 0-14 "
1½ inch " 12 W.G.	...	...	" 0-14 "
2-in., 2¼, 2½-in., 2¾-in., 3-in. " 11 W.G.	...	...	" 0-14 "

## PATENT CRUCIBLE STEEL WIRE ROPES OF LANGSLAY.

Inches circumference ... ..	* 1½	* 1⅝	* 2	* 2¼	* 2½	* 3
Inches diameter ... ..	1⅝	2	2⅝	3	3⅝	4
Breaking strain in cwt. ... ..	129	149	230	284	359	557
Rate per cwt. ... .. Rs.	40-0	40-0	39-0	35-0	33-0	33-0

This quality is in use throughout the Collieries of Bengal, and gives general satisfaction; those marked \* are sizes in stock, and quotations are for full coils. 10 per cent. extra will be charged for cut pieces.

## GUIDE ROPES FOR MINES.

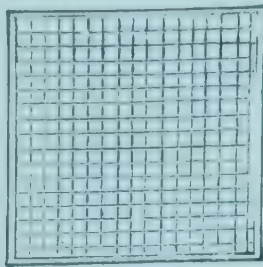
Inches circumference ... ..	3	3¼	3½	3¾
Weight per fathom ... .. lbs.	11½	13½	15½	18½
Rate per cwt. 7 wires ... .. Rs.	15-0	15-0	15-0	15-0
" " 19 " " " " " "	21-0	21-0	21-0	21-0



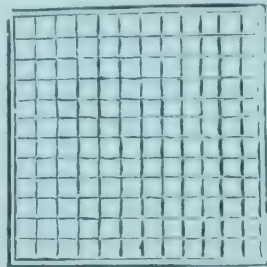
# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## BEST QUALITY GALVANIZED WOVE-WIRE, SUITABLE FOR TEA HOUSES.

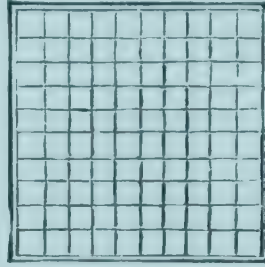
This Wire is made extra heavy and uniform to meet the requirements for Sieves suitable for Tea Machinery.



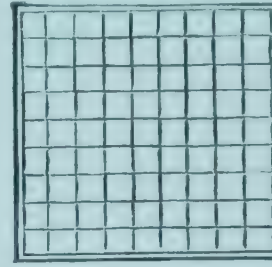
No. 16 mesh.  
36-in. wide.  
Price As. 4-6 foot.



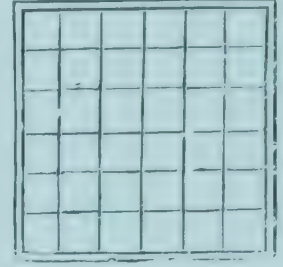
No. 12 mesh.  
36-in. wide.  
As. 4-6 foot.



No. 10 mesh.  
36-in. wide.  
As. 4-6 foot.



No. 8 mesh.  
36-in. wide.  
As. 4-3 foot.



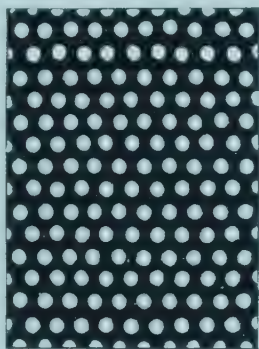
No. 6 mesh.  
36-in. wide.  
As. 4-3 foot.

We can make this Wove-wire in Calcutta, all widths up to 4 feet wide at the above prices, and 18 to 20 mesh, at As. 5 per square foot.

## BEST QUALITY BRASS WOVE-WIRE. Strong and uniform in the mesh.

36-in. wide by 30 or 35, mesh, As. 9 sq. foot. 36-in. wide by 40-in. or 45-in. mesh, As. 12 sq. foot. 36-in. wide by 50 or 60 mesh, Re. 1-0 sq. foot. 36-in. wide by 70 or 80 mesh, Re. 1-4.

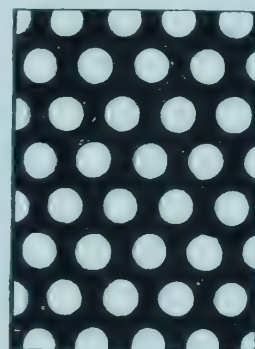
## BEST QUALITY PERFORATED ZINC IN SHEETS.



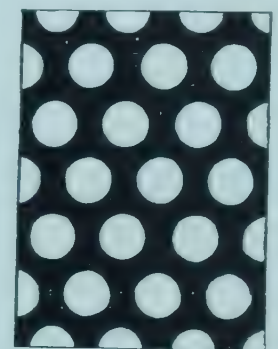
No. 5, 6, 7, and 7 1/2.  
Size of Sheet, 8-ft. by 3-ft.  
Price, Rs. 4-0.



No. 8 and 9.  
Size of Sheet, 8-ft. by 3-ft.  
Price, Rs. 3-12.

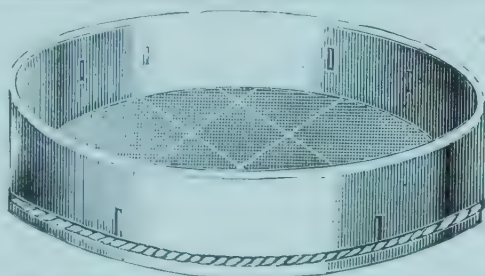


No. 10 and 10 1/2.  
Size of Sheet, 8-ft. by 3-ft.  
Price, Rs. 3-8.



No. 11 and 12.  
Size of Sheet, 8-ft. by 3-ft.  
Price, Rs. 3-12.

SHEET ZINC, 7-ft. by 3-ft. sheets. No. 8, 10, 12, 14, 16, Zinc Gauge. Prices on application.



## TEA SIEVES.

	Nos. 8.	10	12	14	16	18	20
Galvanized Wire Sieves, 22 in. by 4-in....	Rs. 3-8	3-8	3-8	3-8	3-8	3-8	3-8
Brass Wire Sieves, 22-in. by 4-in. ....	Rs. 4-0	4-0	4-0	4-0	4-0	4-0	4-0
China Tea Sieves ... ..	Rs. 1-12	1-12	1-12	2-0	2-0	2-4	2-8
Jonas' (Real) Tea Sieves ... ..	Rs. 6-8	6-12	7-0	7-0	7-4	7-8	7-8

## STEEL HOOPS!

BEST ENGLISH STEEL HOOPS, 1/2-inch, in bundles of 56-lbs. Each bundle measures about 1,170 feet. Price Rs. 4-14 to 5-2 per bundle.  
1/2-in. x 22-in. for Tea. 3/4-in. x 20-in. 7/8-in. x 20-in. for Cotton. 1-in. x 16-in. 1-in. x 17-in. for Jute. 1-in. x 18-in. 1-in. x 19-in. for Paper Mills.  
Rs. 10-0 Cwt. Rs. 7-12. Rs. 7-8. Rs. 7-4. Rs. 7-4. Rs. 7-0. Rs. 7-0.

## STEEL HOOPS!

## PLAIN GALVANIZED WIRE.



Best Quality Galvanized Wire, soft, for tying.

Yards 250	430	750	1250	2000	3500	5600	per cwt.
Nos. 4	7	10	12	14	16	18	20
Diam. 1/4-in.	3/8-in.	1/2-in.	5/8-in.	3/4-in.	7/8-in.	1-in.	1 1/4-in.
Rs. 10-8	10-8	11-8	11-8	15-0	16-12	18-8	22-8

## ROLLED ZINC SHEETS.

Zinc Gauge—8, 10, 12, 14, 16 and 20.  
Per Cwt. Rs. 27-8.

Comparison of Zinc Gauge with the W. G. and Weights per sheet.

No. of Zinc Gauge ...	8	10	12	14	16	20
No. of Wire Gauge ..	28 1/2	25	23 1/2	21	19	16
Approximate weight...	12	14	20	25	32	55

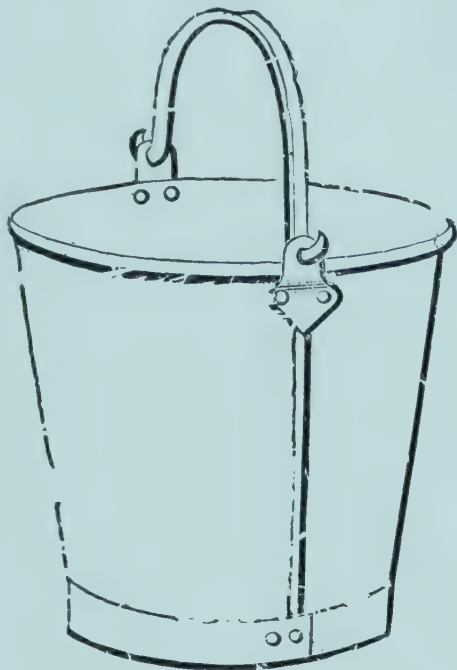
HALF ROUND WIRE for Collar Pins.  
Prices on application.

Prices are subject to fluctuation without notice.  
See Quarterly Circular.



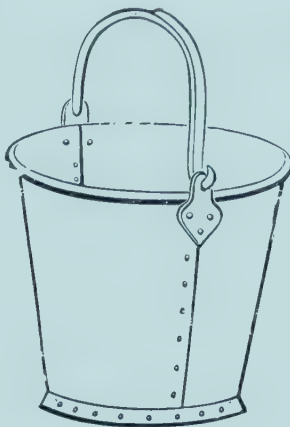
# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

No. 1.



## GALVANIZED BUCKETS.

No. 9.



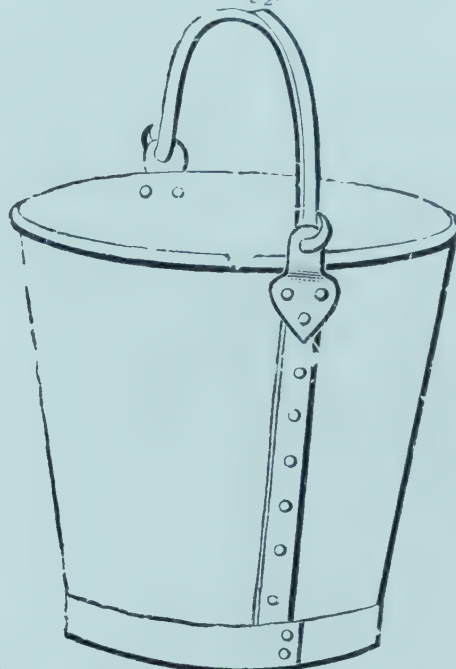
### EXTRA STRONG RIVETTED MILL BUCKET.

No. 9—R.S. and F.E. (In one piece Inner Hoop).

Weight per doz., 14-in. by 12-in., 84 lbs.

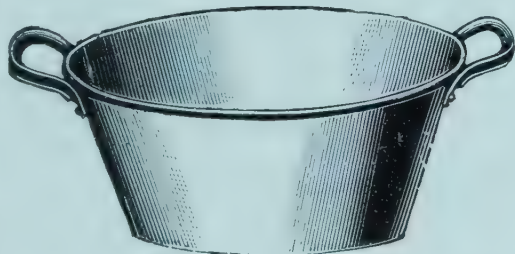
Price per doz., Rs. 22-8

No. 3½.



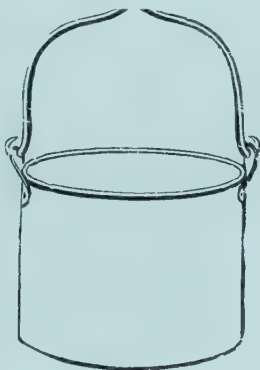
No. 1.	Seamed Sides, about ...	Weight per doz.	Price per doz.
" 1½	" " " ...	32 lbs. ...	Rs. 9-0
" 1½	" " " ...	36 lbs. ...	Rs. 10-8

## GALVANIZED BATHS.



24	27	30	33	36 inch.
Rs. 3-0	... 4-0	... 5-0	... 6-0	... 7-8 each.

## GALVANIZED PAINT CANS.



No. 15.

6 8 in.

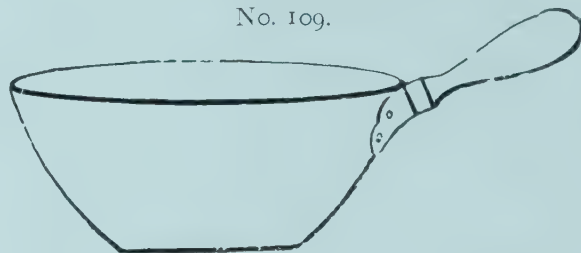
Plain Bails, Rs. 5-4 .. 6-0 per doz.

### SPECIAL RIVETTED BUCKET.

No. 3½.	Rivetted Sides, about ...	Weight per doz. 12 by 10 in.	Price per doz.
" 5	" " " ...	50 lbs. ...	Rs. 15-0
" 6	" " " ...	60 lbs. ...	Rs. 18-0
" 6	" and Bottoms, Forged Ears }	12 by 12 in. 60 lbs. ...	Rs. 18-0

## HAND BOWLS.

No. 109.



No. 108. Galvanized Wired Edge, As. 9 10 inches.  
8-0 ... 10-0 each.

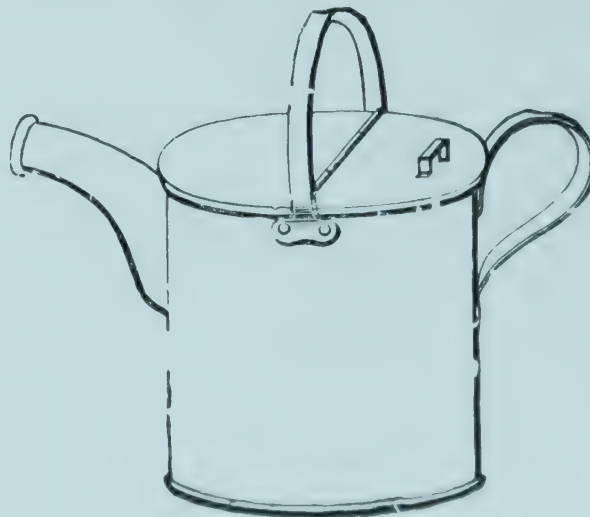
## GALVANIZED WATERING CANS, WITH COPPER ROSES TO SCREW ON.



No. 28.

4	6	8	10	12	16 quarts.
Rs. 22-8	... 25-0	... 28-0	... 34-0	... 36-0	... 42-8 per doz.

## GALVANIZED BOILER FILLERS.



No. 29.

Galvanized Boiler Fillers, very strong.

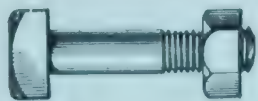
Size...	... ..	2 and 2½ gallons.
Price	... ..	Rs. 3-12 each.

Prices are without engagement.

Metals are firm, with upward tendency.



## BOLTS AND NUTS.



Square Nuts.

SQUARE HEADS AND HEXAGON HEADS.

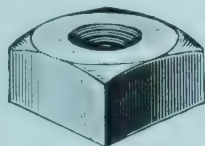
ROUND NECKS and SQUARE and HEXAGON NUTS.

(English Made).

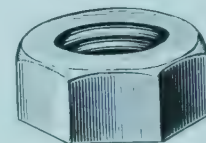


Hexagon Nuts.

LENGTH FROM UNDER HEAD TO POINT.						$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ -in. & up.
						PER GROSS.		PER CWT.				
2-inch long and under	...	...	...	...	Rs.	4-0	5-4	...	18-8	...	17-8	16-8
2½-inch up to and including 3½-inch	...	...	...	...	"	5-0	6-4	...	17-8	...	16-8	15-8
Above 3½-inch, including 6-inch	...	...	...	...	"	—	—	21-0	16-8	...	15-8	14-8
" 6½-inch, " 9-inch	...	...	...	...	"	—	—	20-0	15-0	...	14-8	14-0
" 9½-inch, " 15-inch	...	...	...	...	"	—	—	—	14-8	...	14-0	13-0



## MACHINE-MADE NUTS.



	Ins.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2						
Square Nuts Tapped, per cwt., Rs.	30-0	...	18-0	...	17-0	...	17-0	...	18-0	...	18-0	...	19-0	...	21-0	...	21-0		
Hexagon Nuts Tapped	„	„	30-0	...	18-0	...	17-0	...	17-0	...	18-0	...	18-0	...	19-0	...	21-0	...	22-0

The above are for Whitworth's Standard Sizes.



## POINTED COACH SCREWS.

Square Heads.



LENGTH FROM UNDER HEAD TO POINT.					$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ in. & up.				
2-inch long and under	...	...	...	per gross, Rs.	4-0	...	per cwt., 27-0	...	18-0	...	17-0	...	16-0
Above 2-inch and including 3-inch	...	...	...	" "	4-8	...	" 27-0	...	18-0	...	17-0	...	16-0
" 3-inch	"	4½-inch	...	" "	—	...	" 26-0	...	18-0	...	17-0	...	16-0
" 4½-inch	"	6-inch and over	...	" "	—	...	" 24-6	...	18-0	...	17-0	...	16-0

Pieces are without engagement. Metals are firm with upward tendency.



**W. LESLIE & CO.,**

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

**CALCUTTA.****CAST-IRON ENAMELLED COOKING UTENSILS.**

No more Blood-poisoning from Dirty Utensils.

**TEA KETTLE.****STEW PAN WITH TIN COVER.**

Nos	2	3	4	5	6	7	8
Size	3	4	5½	6	7	8½	10 pts.
Rs.	1-14	2-4	2-12	3-2	3-8	4-0	4-14



Nos.	2	3	4	5	6	7	8
Size	5	6	8	10	12	14	16 pts.
Rs.	3-8	4-2	4-12	5-12	6-8	7-8	8-0 ea.

**SAUCEPAN WITH TIN COVER.**

Nos.	2	3	4	5	6	7	8	9	10	11	12
Size	1½	2	3	4	6	8	10	12	14	16	20 pts.
Rs.	1-8	1-12	2-0	2-4	2-12	3-8	3-14	4-8	4-12	5-0	5-12 ea.

**OVAL POT & COVER.**

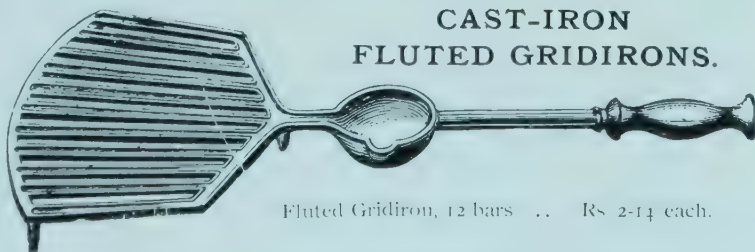
Nos.	4	5	6	8 gal.
Rs.	8-0	10-0	11-8	14-0 (each)

**SOUP DIGESTOR.**

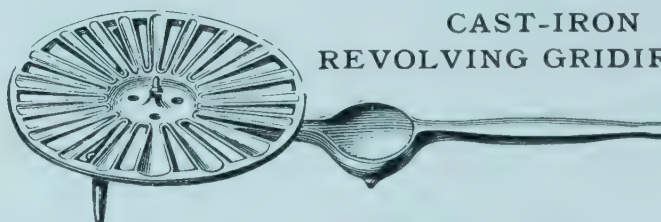
Nos.	2	3	4	6	8
Rs.	3-4	4-4	5-0	6-4	7-12 each.

**TINNED TEA KITCHENER.**

4 gallons.
With Brass Tap .. Rs. 12-8 each.

**CAST-IRON FLUTED GRIDIRONS.**

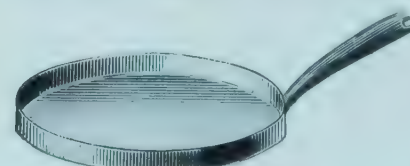
Fluted Gridiron, 12 bars .. Rs. 2-14 each.

**CAST-IRON REVOLVING GRIDIRONS.**

Size, 11½ inches. Price, Rs. 3-10 each.

**IRON FRYPANS.**

8-in. Rs. 0-0 10-in. Rs. 3-12 12-in. Rs. 3-12 14-in. Rs. 4-12 each

**TINNED IRON FRYPANS.**

9½-in. Rs. 0-12 12-in. Rs. 1-0 14-in. Rs. 1-4 each.

**MORTARS AND PESTLES.**

Size	5-in.	5½-in.	6-in.	6½-in.
Price	Rs. 2-4	2-6	3-0	3-8

**WEDGEWOOD MORTARS AND PESTLES.**

No. 5	No. 6
Rs. 2-10	3-10 each.

**CAMP OVENS OR TEJAULS**, suitable for Baking, Broiling, Roasting or Stewing. Bread can be baked clean and fresh in these Ovens in a very short time.

Size	14	16	18 inches
Price	Rs. 4-4	5-8	7-4 each

Sheet-iron Camp Ovens, or Native Tejauls .. Rs. 2-4, 2-9, 3-0 each

**DUTCH STOVES, OR UNGUITA**, suitable for Camp and Mofussil, portable, fitted with triangle, to hold kettle, &c.

Size	10	12	14 inches
Weights about	13	18	26 lb.
Price	Rs. 3-8	4-0	5-0 each

Terms—Net Cash.

For Complete lines in Housewives' Cooking Utensils, send for General Catalogue.

Terms—Net Cash.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DIHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

TABLE GLASS WARE. Brilliant English Crystal Glass, inexpensive, unequalled in quality.



## PLAIN, THIN, AND OF HIGH QUALITY.

	No. 1009.		
Sherry Glasses	...	Rs.	
Port Glasses	...	3-8	per doz.
Claret Glasses	...	4-0	"
Champagne Glasses	...	5-0	"
Liqueur Glasses	...	6-12	"
Custard Glasses	...	3-8	"
Finger Bowls	...	6-12	"
Iceplates	...	7-8	"
Tumblers ½-pt.	...	9-0	"
Sodawater Tumblers	...	3-0	"
Quart Decanters	...	5-0	"
Claret "	...	2-8	each.
Carafes and Ups	...	3-8	"
Mugs, pint	...	1-8	"
Water Jugs, 1 quart	...	1-8	"
" " 2 "	...	2-0	"
Whisky Peg Jugs	...	4-8	"
	...	1-12	"

## ETCHED GLASS-WARE.

							Rs.
Liqueur Glasses	...	...	...	...	...	...	4-4 per doz.
Sherry	"	...	...	...	...	...	4-8 "
Port	"	...	...	...	...	...	4-8 "
Claret	"	...	...	...	...	...	6-0 "
Champagne	"	...	...	...	...	...	7-8 "
Custard	"	...	...	...	...	...	7-8 "
Ponies	"	...	...	...	...	...	3-4 "
Half-pint Tumblers	...	...	...	...	...	...	4-3 "
Soda	"	...	...	...	...	...	8-4 "
Finger Bowls	...	...	...	...	...	...	10-0 "
Decanters, 1 pint	...	...	...	...	...	...	3-4 each.
" 3 "	...	...	...	...	...	...	4-12 "

## CUT CRYSTAL TABLE WARE.

### VERY HANDSOME. SAMPLE ON APPLICATION.

Liqueur Glasses	...	...	...	...	...	...	7-8 per doz.
Sherry	"	...	...	...	...	...	7-8 "
Port	"	...	...	...	...	...	8-8 "
Claret	"	...	...	...	...	...	10-8 "
Champagne	"	...	...	...	...	...	12-8 "
Tumblers, ½-pint	...	...	...	...	...	...	8-0 "
" ½-pint	...	...	...	...	...	...	10-0 "
" Soda	...	...	...	...	...	...	15-0 "
Custard Glasses	...	...	...	...	...	...	12-8 "
Finger Bowls	...	...	...	...	...	...	18-0 "

For Complete List of Table Ware see our Furnishing Catalogue.



## WHITON'S "1883" DRILL CHUCKS.

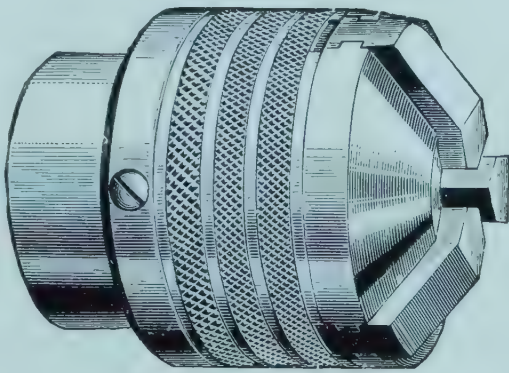


Fig 84.

The 1883 Drill Chuck is a convenient, well made, and substantial tool for a low price. It is operated by hand, and works on the self-tightening principle, the resistance of the cut tending to close the Jaws still more firmly upon the shank of the drill. It is easily attached to Lathe or Drill by means of a taper mandrel, and will hold drills firmly and true, or it may be screwed on if desired.

Sizes.	Capacity.	Approximate Weight.	Size of Centre Hole.	Price.
In.	In.	Lbs.	In.	Rs.—Each.
2	0 - $\frac{9}{16}$	1 $\frac{1}{4}$	$\frac{5}{8}$	17-8
2 $\frac{1}{2}$	$\frac{1}{64}$ - $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{3}{4}$	21-0

## WHITON'S NEW INDEPENDENT REVERSIBLE JAW CHUCKS.

1. The screw threads extend fully to the outside of the Chuck, so that the **Jaws have greater traverse** than in other Independent Chucks, and work larger than the diameter of the Chuck may be safely held.

2. The thrust of the screws in gripping the work is received on **hardened steel shoulders**, which are very durable, and consequently the backlash from end wear is very much reduced.

3. The screws may be easily removed if desired, but are held in place in the Chuck, so that they will not fall out or become at all displaced when the Jaw is removed.

4. Should a jaw and screw become stuck together from lack of oil or any other cause, they can be removed from the Chuck and separated without injury.

The workmanship and materials are excellent throughout. **The screws have a finer pitch** than commonly employed in Independent Chucks, giving them **unusual gripping power**. The Jaws are of the solid reversible pattern, and on account of their long traverse, the safe capacity of the Chuck is much larger than that of other Independent Chucks of equal diameter. **The ease with which the Jaws can be reversed is a feature of great convenience.**

While the large capacity of these Chucks is frequently of great importance, enabling work to be held for which there might otherwise be no facilities, yet it should be understood that we recommend for constant use a Chuck at least as large as the work to be held.

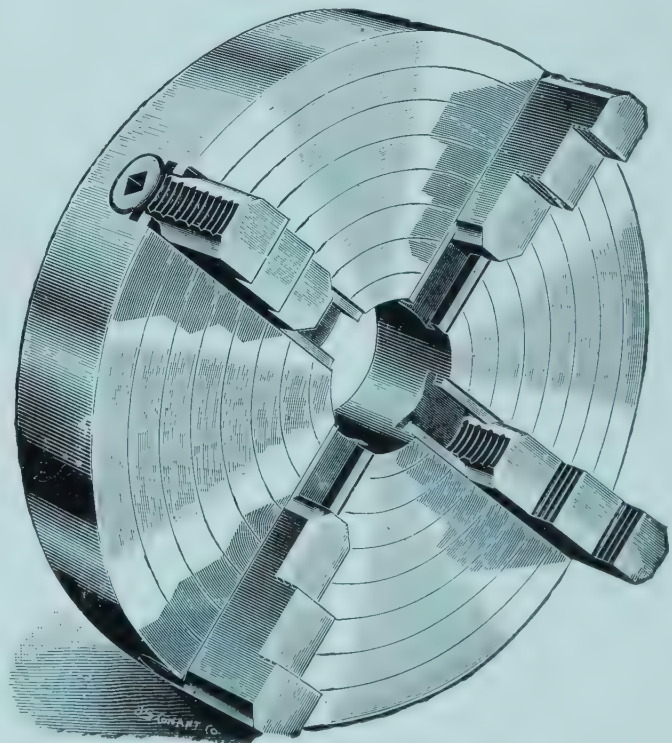


Fig. 54.

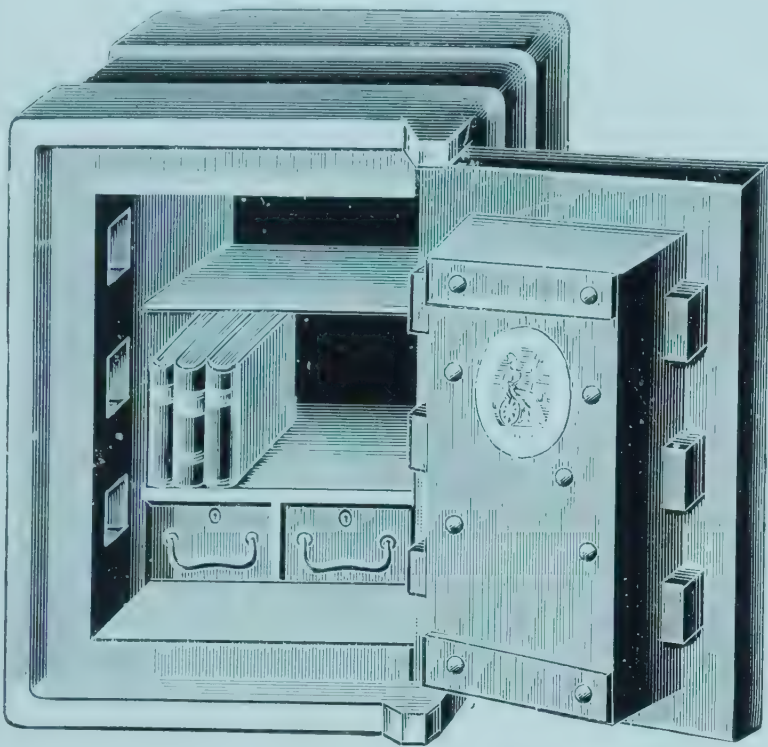
Sizes...	...	6	...	9	...	12	...	15	...	18	...	21	...	24	...	28	...	30 ins.
Will hold	...	7 $\frac{1}{2}$	...	11 $\frac{3}{4}$	...	14 $\frac{1}{2}$	...	18	...	21	...	24	...	27	...	31	...	34 "
Approximate weight		14	...	38	...	60	...	98	...	130	...	160	...	194	...	280	...	335 lbs.
Size of centre hole	...	1 $\frac{5}{8}$	...	2 $\frac{5}{16}$	...	2 $\frac{15}{16}$	...	3 $\frac{1}{8}$	...	3 $\frac{3}{8}$	...	3 $\frac{1}{2}$	...	3 $\frac{7}{8}$	...	4 $\frac{3}{8}$	...	6 ins.
Price with 3 jaws Rs.		65-0	...	85-0	...	100-0	...	120-0	...	150-0	...	190-0	...	210-0	...			
" 4 " "		75-0	...	100-0	...	115-0	...	145-0	...	175-0	...	215-0	...	230-0	...	400-0	...	500 each.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## FIRE AND BURGLAR-RESISTING STEEL SAFES.

For the protection of Plate, Cash, Jewels, Deeds, Books, and other Valuables, with Single Doors, lined and filled with Patent Steam-generating Fire-resisting Composition, including the Lock Chambers. The Fire-resisting Chambers are made from 2 inches to 3 inches in thickness. The Lock Chambers are 3 inches to 4 inches. Fitted inside with Drawers. Large Sliding Bolts thrown by Brass Bar Handle, and secured with Chubbs' Patent Prize Medal Lever Lock with duplicate Keys.



### THE "TRADESMAN'S" SINGLE-DOOR FIRE AND THIEF-RESISTING SAFE,

Complete with drawers, fitted with Chubbs' Patent Lock, and Duplicate Keys.

#### OUTSIDE MEASUREMENTS.

No.	Height.	Width.	Depth.	Drawers.	
30	24-in.	17-in.	15-in.	1	Rs. 90-0
33	30-in.	20-in.	20-in.	2	Rs. 135-0
36	36-in.	24-in.	22-in.	2	Rs. 175-0

## W. LESLIE & CO.'S CASH OR TREASURE CHESTS.

### STRONG WROUGHT-IRON CASH OR TREASURE CHEST,

Fitted with Chubbs' Thief-resisting Lock, with Duplicate Keys, Brass Bar Handle, Keyhole Shield, and End Handles.

A very much superior Chest to that offered by other houses in the Trade.

Size 18-in. by 12-in. by 11-in. ... 24-in. by 17-in. by 17-in. ... 30-in. by 20-in. by 20-in.

Will hold about

Two Thousand

Rupees.

Price, Rs. 47-8.

Will hold about

Seven Thousand

Rupees.

Rs. 70.

Will hold about

Fifteen Thousand

Rupees.

Rs. 100.

Packing and despatching,

Rs. 1-8.

Packing and despatching,

Rs. 2-0.

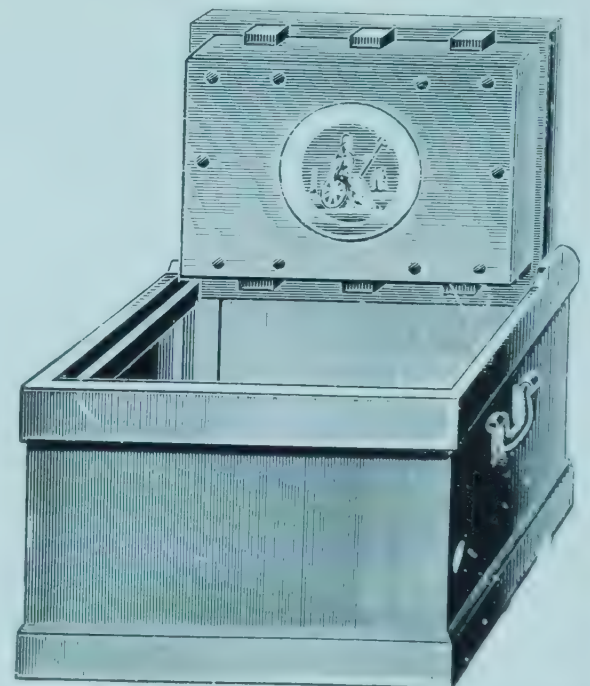
Packing and despatching,

Rs. 2-8.

36-in. by 24-in. by 24-in., will hold about Thirty Thousand Rupees.  
Rs. 130.

Packing and despatching, Rs. 3-0.

### EXTRA STRONG STEEL MONEY CHESTS.



We hold a Stock of Hobbs, Hart & Co.'s Safes.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## STEEL CASH CHESTS, CASH AND DESPATCH BOXES, AND BANKERS' SAFE STANDS.



### STEEL DESPATCH AND CASH CHESTS.

Fitted with Hobbs & Co.'s Patents Protector Locks.

Two Keys each.

No.	Prices.	Outside Dimensions		
		Length.	Width.	Depth.
12 B	Rs. 120-0	In. 20	In. 14	In. 14
14 B	Rs. 135-0	In. 24	In. 18	In. 18

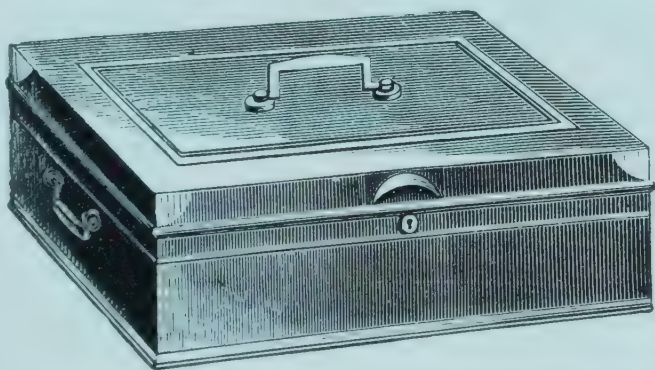
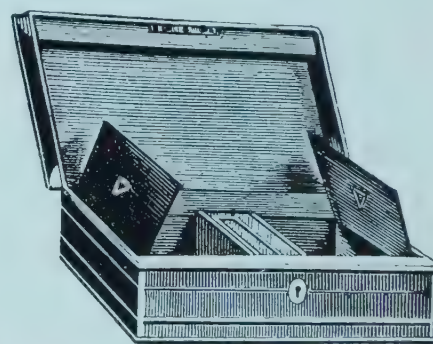
These Chests are painted and varnished. They are of very strong construction. The body is formed of one continuous plate, to which the bottom is firmly secured by exterior wrought angle-steel.

### JAPANNED CASH BOXES, WITH TRAY.

Fitted with Hobbs & Co.'s 4-Lever Machine-made Locks.

Two Keys each.

No.	Prices.	Length.	Width.	Depth.	These Boxes are made of "2 and 3 X" Charcoal Tin Plates. The lids are secured by Web Hinges.
	Rs.	In.	In.	In.	
3 A	14-8	8½	5	3½	The Locks are recommended for General Security.
5 A	17-8	10	5¾	4	
7 A	22-8	12½	8½	5¾	



### STRONG PAPER BOXES.

Japanned, with Gold Ribbon Borders, and with top and end Handles.

Fitted with Hobbs & Co.'s Patents Protector Locks. Two Keys each.

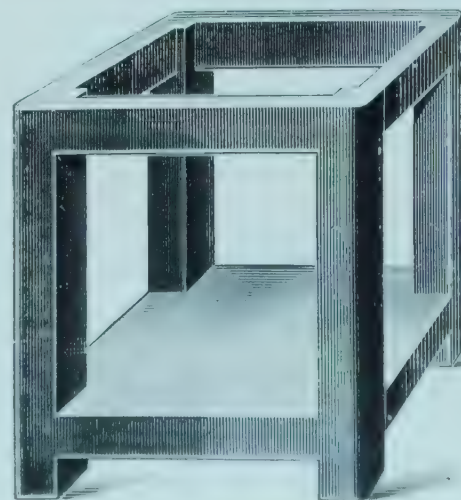
No.	Price.	Length.	Width.	Depth.	The Locks are recommended for first-class security.
	Rs.	In.	In.	In.	
22 A	30-0	16	11½	7	

Made of the strongest "4 and 5 X" Charcoal Tin Plates.

### OPEN SAFE STANDS.

Strong Stands are supplied when required to suit each size of Safe. They are made to match the Safes, and open as illustrated. The prices are all net.

Sizes of Safes.	Prices	Sizes of Safes.	Prices.
Inches.	Rs. A.	Inches.	Rs. A.
23 X 17 X 17 }	10 8	37 X 28 X 25 }	17 8
25 X 19 X 19 }		41 X 28 X 27 }	
27 X 21 X 21 }	12 8	45 X 28 X 27 }	20 0
29 X 23 X 23 }		53 X 31 X 27 }	
31 X 25 X 25 }	15 0		
33 X 27 X 25 }			
36 X 24 X 24 }			



Our Stock of Safes, Cash Boxes, and Office Cases are large.



W. LESLIE & CO., { 2, CHOWRINGHIE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHIE ROAD, } CALCUTTA.

HOBBS' "SEAMLESS" STEEL BODY FIRE AND BURGLAR  
RESISTING SAFES.



"PROGRESS A" QUALITY.

Outside, 61-in. by 33-in. by 27-in. Inside, 53½-in. by 25½-in. by 18¾-in.

SIZES and PRICES of SAFES, ALL WITHOUT INSIDE FITTINGS.

Outside Dimensions.	Inside Dimensions.	Approximate weight.	Price, Net Cash.	Outside Dimensions.	Inside Dimensions.	Approximate weight.	Price, Net Cash.
Inches.	Inches.	Cwts.	Rs.	Inches.	Inches.	Cwts.	Rs.
23 by 17 by 17	15½ by 9½ by 8¾	3¼	150-0	36 by 24 by 24	28½ by 16½ by 15¾	7¾	335-C
25 " 19 " 19	17½ " 11½ " 10¾	4	175-0	41 " 28 " 27	33½ " 20½ " 18¾	10¼	400-0
27 " 21 " 21	19½ " 13½ " 12¾	5	200-0	45 " 28 " 27	37½ " 20½ " 18¾	11¼	450-0
29 " 23 " 23	21½ " 15½ " 14¾	6	250-0	53 " 31 " 27	45½ " 23½ " 18¾	13½	550-0
31 " 25 " 25	23½ " 17½ " 16¾	7	275-0	61 " 33 " 27	53½ " 25½ " 18¾	17½	700-0
33 " 27 " 25	25½ " 19½ " 16¾	7¾	325-0				

We hold a large stock of cheap Chests and Safes.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## COPPER TAPE LIGHTNING CONDUCTORS.

Solid Copper Tape Lightning Conductors, as fixed on nearly all the Government Buildings in Calcutta.

**High Conductivity Solid Copper Tape** has for the past ten years been substituted and fitted to public and private buildings in Calcutta, and all over India; it can be closely clamped to the building; it can be applied more easily to suit the architectural details than Wire Rope formerly used; it presents a large free surface to the storm, the electric charge passing over the surface, and is drained into the earth. Copper Elevating Rods are made and sold much lighter than the following, but will not stand a storm.

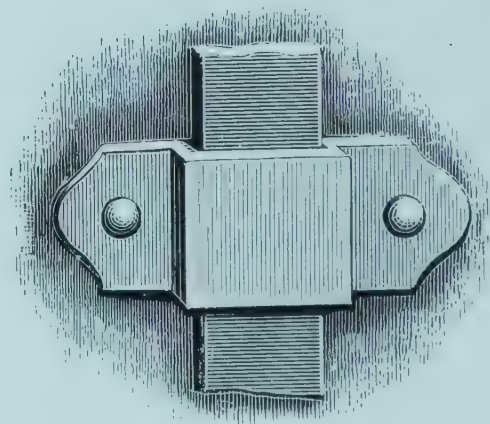
### COPPER ELEVATING RODS or TERMINALS with five points.

Length and diameter ...	4ft. by $\frac{1}{2}$ in.	...	4ft. 6in. by $\frac{1}{2}$ in.	...	6ft. by $\frac{1}{2}$ in.	...	6ft. 6in. by $\frac{1}{2}$ in.
Suitable for Tape ..	$\frac{3}{4}$ in.	...	$\frac{3}{4}$ in.	...	1in.	...	1 $\frac{1}{2}$ in.
Price ... .. Rs.	14-0	...	16-0	...	17-8	...	25-0
Length and diameter ...	7ft. by $\frac{3}{4}$ in.	...	8ft. by $\frac{3}{4}$ in.	...	9ft. by $\frac{7}{8}$ in.	...	.....
Suitable for Tape ...	2in.	...	2 $\frac{1}{2}$ in.	...	3in.	...	.....
Price ... .. Rs.	30-0	...	34-0	...	45-0	...	.....

**Platinum Tips**, for protecting Terminals of Conductors, Rs. 3-8 each.

### INSTRUCTIONS FOR FIXING LIGHTNING CONDUCTORS.

The top of the Elevating Terminal, as illustrated, should extend 4ft. to 9ft. above the highest point of the building; the Copper Tape is then made fast to the bottom of the Rod (care should be taken to see that the joint is perfect), then brought down the side of the building which is most exposed to the storm, securely clamped against the building with Copper Clips fixed with Copper Nails, at intervals of say 6ft. apart; it should then be carried, say 20ft. to 25ft., away from the foundations down into damp earth, in a coil of 33ft., forming a cone fixed on bamboos, then buried in charcoal. In dispensing with the Copper Plate you have a continuous connection from top to bottom.



### Solid Copper Tape of High Conductivity in continuous lengths.

Size of Tape, ins. ... ..	$\frac{1}{2}$ by $\frac{1}{8}$	...	$\frac{3}{4}$ by $\frac{1}{8}$	...	1 by $\frac{1}{8}$	...	1 $\frac{1}{2}$ by $\frac{1}{8}$	...	2 by $\frac{1}{8}$	...	2 $\frac{1}{2}$ by $\frac{1}{4}$	...	3 by $\frac{1}{4}$
Weight per foot, ozs. ... ..	5	...	6	...	8	...	12	...	16	...	21	...	24
Price per foot, As. ... ..	4-6	...	5-6	...	8-0	...	11-6	...	15-3	...	Rs. 1-4	...	1-6

### COPPER CLIPS and NAILS.

Suitable for Tape, ins. ... ..	$\frac{3}{4}$	...	1	...	1 $\frac{1}{2}$	...	2	...	2 $\frac{1}{2}$	...	3
Price for 12 Clips and 24 Nails, Rs.	2-0	...	2-4	...	2-12	...	3-0	...	3-2	...	4-0

We undertake the supply of Galvanized Wire Rope Conductors, but do not recommend them.

We have an efficient staff at 60, Dharamtala Street, under the superintendence of Mr. Tinson, for the erection of Copper Lightning Conductors, and shall be pleased at all times to estimate for their erection both in and out of Calcutta.





W. LESLIE & CO.,

2, CHOWRINGHEE ROAD,

47, MUTTY LALL SEALS STREET,

41, DHARAMTALA STREET,

2-6, CHOWRINGHEE ROAD,

CALCUTTA.

PRICE LIST OF THE PATENT POINTED IRON WOOD SCREWS.



$\frac{1}{8}$ in.	$\frac{3}{8}$ in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	2 in.	2 $\frac{1}{2}$ in.	3 in.	3 $\frac{1}{2}$ in.	4 in.	5 in.	6 in.
No. A. P.	No. A. P.	No. A. P.	No. A. P.	No. A. P.	No. Rs. A. P.	No. Rs. A. P.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.	No. Rs. A.
2 3 3	4 4 0	5 5 0	6 6 6	7 7 6	8 0 8 6	10 0 10 0	12 0 14	12 1 0	14 1 12	16 2 8	18 4 8	26 10 0
3 3 6	5 4 0	6 5 0	7 7 0	7 7 6	9 0 8 6	11 0 12 0	13 1 0	14 1 4	16 2 0	18 3 0	20 4 12	28 10 0
4 3 6	6 4 6	7 5 6	8 7 0	8 8 0	10 0 9 0	12 0 12 6	14 1 0	16 1 8	18 2 8	20 3 9	22 6 0	30 11 4
5 3 6	7 4 9	8 6 0	9 8 0	9 8 0	11 0 9 6	14 0 14 0	16 1 4	18 2 0	20 3 0	22 4 0	24 6 8	—
—	8 5 3	9 6 6	10 8 0	10 9 0	12 0 10 0	16 1 2 0	18 1 10	22 2 4	—	—	26 7 0	—
—	—	10 7 0	12 9 3	12 10 0	14 0 12 0	18 —	20 —	—	—	—	—	—
—	—	—	—	14 12 0	16 1 0 0	—	—	—	—	—	—	—

Japanned Round or Flat Heads are charged two sizes higher than Flat-Heads.

PATENT POINTED BRASS WOOD SCREWS.

$\frac{3}{8}$ -in. and $\frac{1}{2}$ -in.	$\frac{3}{4}$ -in.	1-in.	1 $\frac{1}{4}$ -in.	1 $\frac{1}{2}$ -in.	1 $\frac{3}{4}$ -in.	2-in.	2 $\frac{1}{2}$ -in.
Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.	Per Gross. No. Rs. As.
4 10 6	4 0 14	6 1 4	6 1 8	10 2 10	12 3 12	12 4 4	12 5 0
5 11 6	5 0 15	7 1 6	7 1 10	12 3 4	14 4 4	14 5 4	14 5 12
6 12 0	6 1 1	8 1 8	8 1 12	14 4 0	16 5 12	16 6 4	16 7 4
7 13 0	7 1 2	9 1 10	10 2 4	16 5 0	18 7 0	18 7 8	18 8 12
—	—	10 1 12	12 2 12	—	—	—	—

SPLIT PINS OR  
COTTERS.



Diameter or nearest Gauge.	Price per Gross.					
	$\frac{5}{8}$ -in.	1-in.	1 $\frac{1}{2}$ -in.	2-in.	2 $\frac{1}{2}$ -in.	3-in. long.
$\frac{1}{16}$ -in. No. 16	Rs. As. 1 12	Rs. As. —	1 s. As. 2 8	Rs. As. 2 12	Rs. As. —	Rs. As. —
$\frac{1}{8}$ -in. " 11	—	0 14	1 1	1 5	—	—
$\frac{3}{16}$ -in. " 7	—	—	1 6	1 10	—	—
$\frac{1}{4}$ -in. " 4	—	—	—	2 10	3 0	—
$\frac{3}{8}$ -in.	—	—	—	—	—	9 4

Pan Head.

BEST QUALITY IRON AND STEEL SNAP OR PAN HEAD  
RIVETS.

Snap Head.



Diameter	...	...	..	...	Ins.	..	$\frac{3}{16}$	...	$\frac{1}{4}$	...	$\frac{3}{8}$	...	$\frac{1}{2}$	...	$\frac{5}{8}$	...	$\frac{3}{4}$ & up
Iron Boiler quality.	Price per cwt.				Rs.	...	23-0	...	20-0	...	16-0	...	11-8	...	10-0	...	10-0
Steel Boiler quality.	"				"	...	—	...	20-0	...	16-0	...	11-8	...	10-0	...	10-0



COPPER RIVETS AND WASHERS.



Size	...	Ins.	$\frac{1}{2} \times \frac{1}{8}$	...	$\frac{5}{8} \times \frac{3}{16}$	...	$\frac{3}{4} \times \frac{1}{4}$	...	$1\frac{1}{4} \times \frac{1}{4}$	...	$1\frac{1}{4} \times \frac{1}{4}$
No. to pound..	—	...	130	...	60	...	47	...	—	...	—
Price per lb. Rs.	1-2	...	1-0	...	0-15	...	0-15	...	0-15	...	0-15

COPPER CHISEL POINT NAILS.



Size	...	Ins.	2 $\frac{1}{2}$	...	3
Price, per lb. ...	Rs.	1-4	...	1-4	...

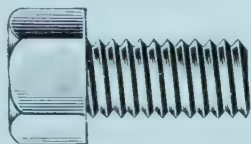
Terms—Net Cash.

See and note our prices for Files, they are 20 per cent. below the Bazaar.

Terms—Net Cash.



WHITWORTH'S STANDARD THREADS.



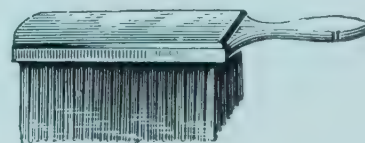
This shows left-hand thread.

Diameter.		Inches	Length.															
$\frac{1}{2}$ in.	Per gross Rs.		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$						
"	$\frac{3}{4}$	"	...	5-0	...	5-0	...	—	...	—	...	—	...	—	...	—	...	—
"	I	"	"	"	...	5-0	...	5-0	...	8-10	...	—	...	4-12	...	—	...	6-4
"	$1\frac{1}{4}$	"	"	"	...	—	...	5-6	...	7-0	...	9-4	...	14-4	...	5-0	...	5-8
"	$1\frac{1}{2}$	"	"	"	...	—	...	—	...	10-0	...	16-0	...	5-8	...	—	...	7-0
"	$1\frac{3}{4}$	"	"	"	...	—	...	—	...	10-12	...	—	...	6-0	...	6-8	...	7-8
"	2	"	"	"	...	—	...	—	...	—	...	—	...	—	...	—	...	8-4
"		"	"	"	...	—	...	—	...	—	...	—	...	—	...	—	...	9-0
"		"	"	"	...	—	...	—	...	12-8	...	—	...	—	...	—	...	9-14



Diameter.	Inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
Length, $\frac{1}{2}$ in. Per gross	Rs. ...	2-2	... 2-4	... 2-4	... —	... 5-4	... —	..... 2-0	... 2-0	... 2-0	... —	... 4-12	... —
" $\frac{3}{4}$ "	" ...	2-4	... 2-4	... 2-4	... 3-4	... 5-4	... —	..... 2-0	... 2-0	... 2-0	... —	... 5-0	... —
" I "	" ...	2-4	... 2-4	... 2-4	.. —	... 5-8	.. 13-8	..... —	... 2-0	... 2-0	.. 3-4	... 5-0	... 11-8
" I $\frac{1}{4}$ "	" ...	—	... —	... —	... —	... 6-0	... —	..... —	... —	... 2-4	... —	... 5-8	... —
" I $\frac{1}{2}$ "	" ...	—	... —	... —	... —	... 6-8	... —	..... —	... —	... —	... —	... 6-0	... —
" I $\frac{3}{4}$ "	" ...	—	... —	... —	... —	... —	... —	..... —	... —	... —	... —	... 6-8	... —
" 2 "	" ...	—	... —	... —	... —	... —	... —	..... —	... —	... —	... —	... —	... 17-8

MOULDERS' BRUSHES.



Boiler Tube Brushes, Brass Wire	..	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3 ins.
	Rs.	1-0	1-0	1-0	1-4	1-4 each.
.. .. Steel	...	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3 ins.
	Rs.	0-12	0-12	1-0	1-0	1-0 each.

Moulders' Steel Wire Brushes, Nos. 3	4
Rs. 1-4	1-6 each.
File Card on cloth or leather 1½ ins. wide, As. 7 per ft.	
„ Brushes, Steel Wire 6 ins. by 1½ ins, Rs. 9-0 per doz.	

Muntz Metal, Bolt or Rod, $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in. ...	Price—As. 10 per lb.
" " Usual sizes and gauges ... ..	Price on Application.

Richards' Plastic Metal	...	Rs. 1-10 per lb.
Regulas of Antimony-Star	...	Rs. 40-0 per cwt.

Babbitts' Metal	...	Rs. 56-0 per cwt.
Spelter Solder, best soft brass	...	As. 12 per lb.

FOUNDRY PLUMBAGO OR GRAPHITE.

No. 1	MOULDERS' PLUMBAGO, in original casks of five cwt.	...	...	...	...	Rs. 25-0 per cwt.
No. 2—	" " " "	...	...	...	...	Rs. 30-0 "
	Electro-typing Plumbago in 1/2 lb. packets	...	...	...	...	As. 8 per lb.



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD,

CALCUTTA.



(OPEN.)

## STRONG CASH BOX.



(CLOSED.)

No. 361b.—Polished Black, and Gold Filletted, complete with Improved Cash Tray; fitted with the Best Two-keyed Four-lever Lock, and Nickel-plated Handle and Plate.

Sizes	...	...	8 by 5 by 3 $\frac{1}{4}$	10 by 6 by 3 $\frac{1}{4}$	12 by 7 by 4 $\frac{1}{4}$	14 by 8 $\frac{1}{4}$ by 4 $\frac{3}{4}$	16 by 10 by 5 $\frac{1}{4}$	inches.
Price,	...	Rs.	7-0	8-8	10-0	15-0	16-8	each.
With Hobbs' Locks,	Rs.		9-8	11-8	13-8	—	—	..

## HOBBS' PATENT CASH BOXES.

Sizes	...	...	8 $\frac{1}{4}$ by 5 by 3 $\frac{1}{4}$	10 by 5 $\frac{3}{4}$ by 4	12 $\frac{1}{4}$ by 8 $\frac{1}{4}$ by 5 $\frac{3}{4}$	inches.
Price,	...	Rs.	14-8	17-8	22-8	each.

AIR-TIGHT  
UNIFORM CASE.

No. 107.—Black Polished outside, Deep Blue inside, fitted with Sliding Bolts and Best Two-keyed Registered Two-lever Lock, with Improved Pad Fastening and Name Plate.



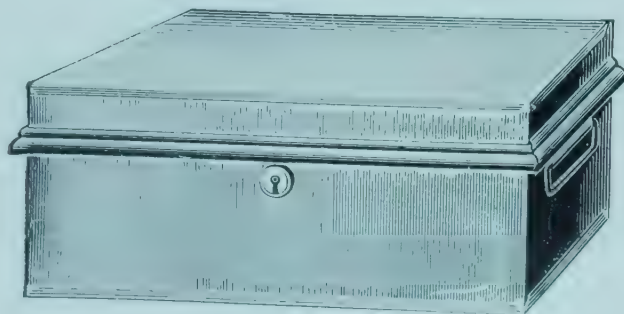
Sizes ... 24 27 30 inch.

Price ... Rs. 17-0...20-0...25-0 each.

Sizes ... 33 36 inch.

Price ... Rs. 33-0.. 40-0 each.

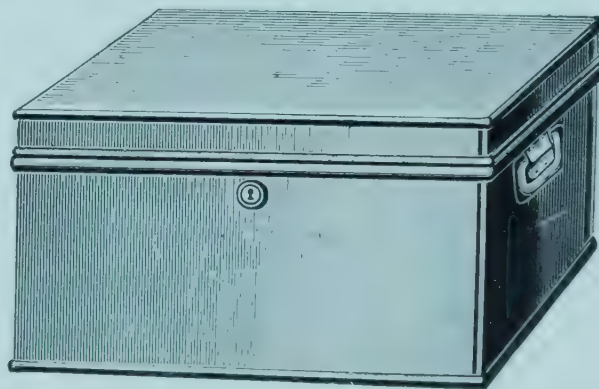
## PAPER BOX.



No. 392b.—Black Japanned Paper or Office Box, fitted with Two-lever Lock.

Sizes	...	...	14 by 9 $\frac{1}{2}$ by 6	16 by 11 by 7	18 by 12 $\frac{1}{2}$ by 8	inch.
Price	...	Rs.	8-0	9-8	12-8	each.

## STRONG DEED BOXES. Japanned Black and Polished.



Sizes	...	...	14 by 9 by 9	16 by 10 by 10	18 by 11 by 11	inch.
Price	...	Rs.	8-0	9-8	12-0	each.

Sizes	...	...	20 by 12 by 12	22 by 13 by 13	inch.
Price	...	Rs.	14-8	18-0	each.

Painting Name to order, White letters, As. 1 per letter.

For complete line of Japanned and American Trunks, see Furnishing Catalogue.

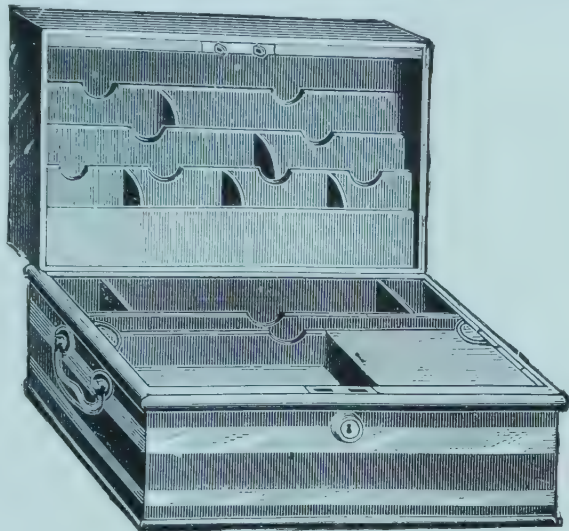


W. LESLIE & CO.,

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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

} CALCUTTA.

THE "VICEROY" DESPATCH BOX.

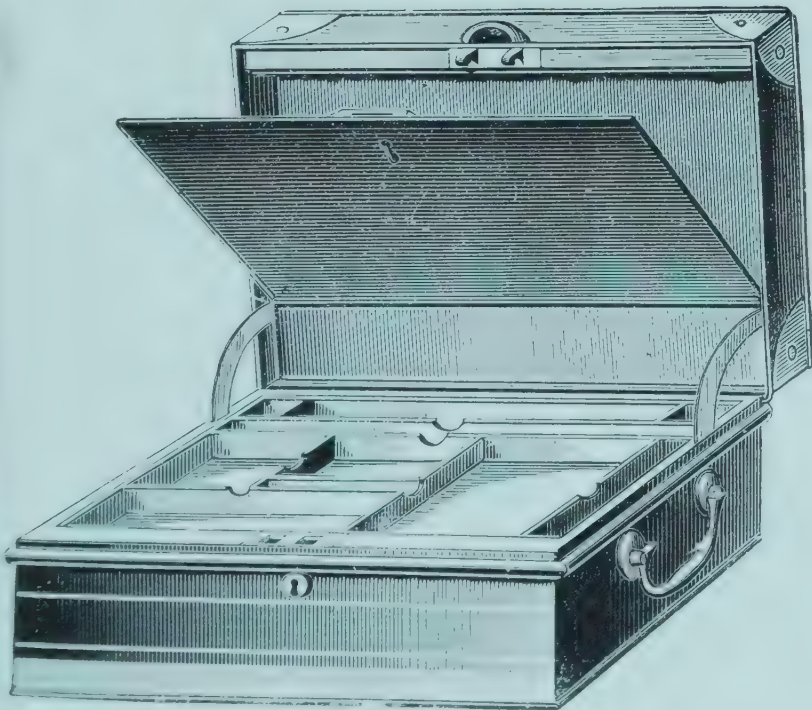


No. 112.

Japanned Black and Gold outside, Japanned inside; complete with Stationery Rack in Lid, and Tray with Lock-up Cash Compartment; fitted with best Four-Lever Lock and Duplicate Keys, and Nickel-Plated End Handles.

SIZE.	PRICE. Rs.
16in. by 11in. by 7in.	- - 31-0
18in. by 12in. by 8in.	- - 36-0

"OFFICERS'" DESPATCH BOX.

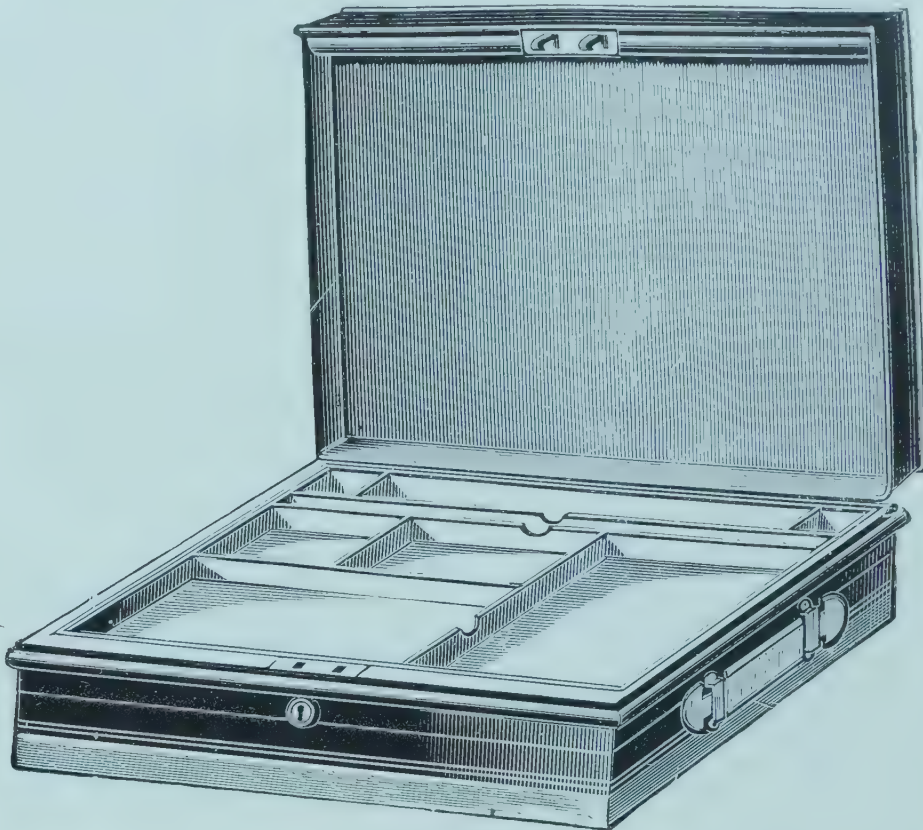


No. 100.

Complete with Double Trays and Lock-up Lid, polished Black and Gold outside, and Tinted Colours inside, finished in first-class style throughout; fitted with Hobbs' Best Two-Keyed Four-Lever Hand-made Lock, and Nickel plated End Handles.

SIZE.	PRICE. Rs.
16in. by 10in. by 7½in.	- - 27-0
18in. by 12in. by 7½in.	- - 32-8
20in. by 13in. by 8in.	- - 37-0

STATIONERY CASE.

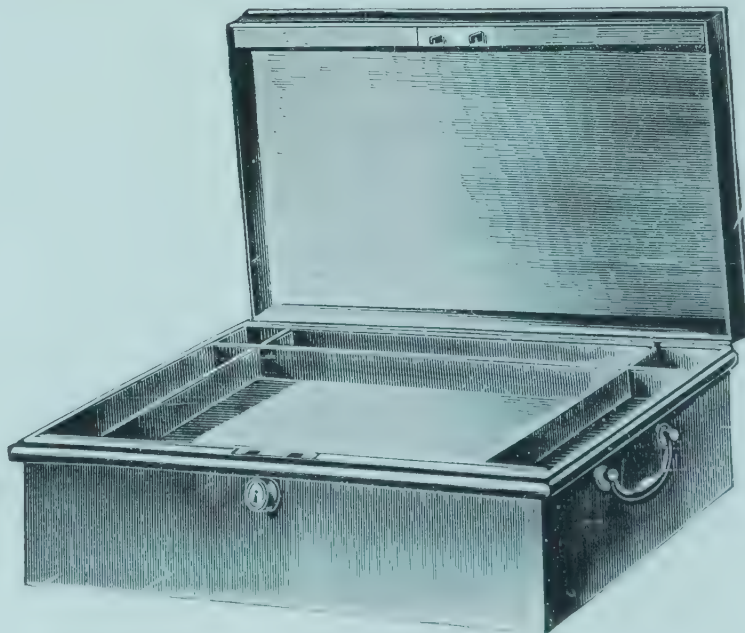


No. 106.

Complete with Tray, Best Two-Keyed Lever Lock, Japanned and Polished Black with Gold Fillets outside and Rich Tinted Colours inside; fitted with good Leather Strap and Brass Loops (as shown).

SIZE.	PRICE. Rs.
14½in. by 10½in. by 3½in.	- - 12-8
16½in. by 11½in. by 4in.	- - 15-0
18½in. by 12½in. by 4½in.	- - 21-0

"INDIAN" DESPATCH BOX.



No. 100 C

Complete with Tray, fitted with Best Two-Keyed Four-Lever Locks and Nickel-Plated End Handles, Polished Black and Gold outside, and Tinted Colour inside.

SIZE.	PRICE. Rs.
16in. by 12in. by 7in.	- - 20-0
18in. by 13in. by 8in.	- - 24-0
20in. by 13½in. by 8in.	- - 30-0

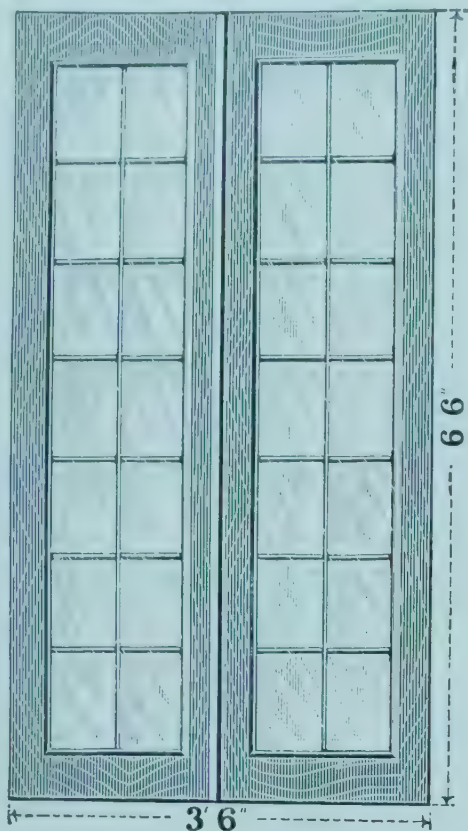


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.

## TEAKWOOD DOORS, WINDOWS and FRAMES.

Made of Seasoned Teakwood at our Workshop, 60, Dharamtala Street.

### FULL GLASS DOORS.



Full Glass Doors,  
made from Seasoned Teakwood.

### PRICES OF DOORS ILLUSTRATED.

Full Glass and Half Panel Doors.

Complete with Glass, Hinges and Screws.

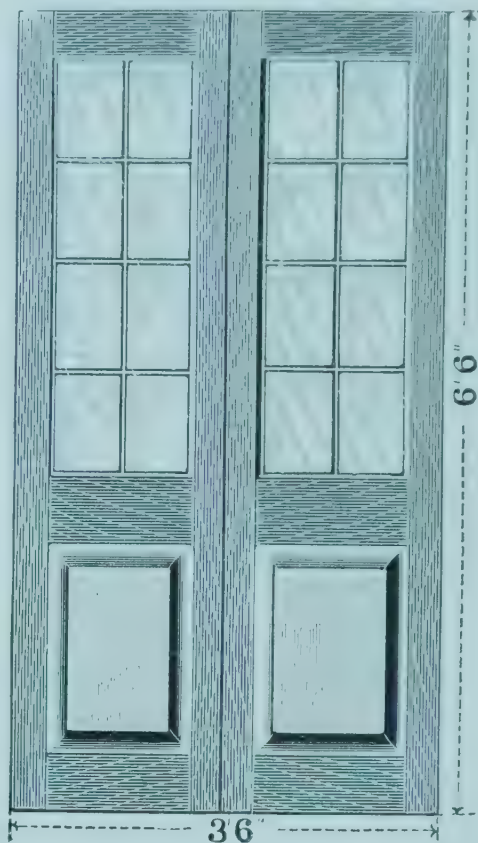
Size, 6-ft. 6-in. by 3-ft. 6-in. ...	Rs. 22
Size, 7-ft. 6-in. by 3-ft. 9-in. ...	Rs. 25
Size, 8-ft. 0-in. by 4-ft. 0-in. ...	Rs. 30

Teakwood Frames or Chowkats for above doors.

Measurement inside to suit size of door ordered.

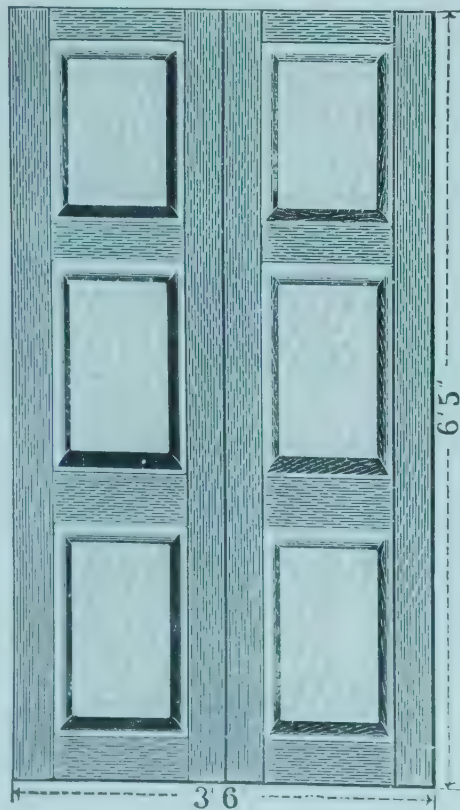
Windows {	4-ft. by 3-ft. ...	Rs. 10-8
	5-ft. by 3-ft. ...	Rs. 13-0
	6-ft. by 4-ft. ...	Rs. 21-0

### HALF PANEL DOORS.



Half Panel Doors (half panel and half glass)  
made from Seasoned Teakwood.

### FULL PANEL DOORS.



Full Teakwood Panel Doors,  
made of Seasoned Teakwood.

### BEST QUALITY WINDOW GLASS,

12 TO 16-OZ.

Size, inches 10-by 8	12 by 10	14 by 10	14 by 10
Price, As. 1-3	1-6	1-9	2-0
Size, inches 16 by 12	16 by 14	18 by 14	20 by 16
Price, As. 2-6	3-0	4-0	5-6
Size, inches 22 by 18	24 by 20	26 by 20	30 by 24
Price, As. 6-0	7-0	8-0	14-0 each

French Plate Glass, 32-oz. to 42-oz. ... } at Rs. 1-0 per sq. foot

French Plate Glass, 28-oz. or  $\frac{1}{8}$ -in. ... } at Rs. 2-8 per sq. foot.

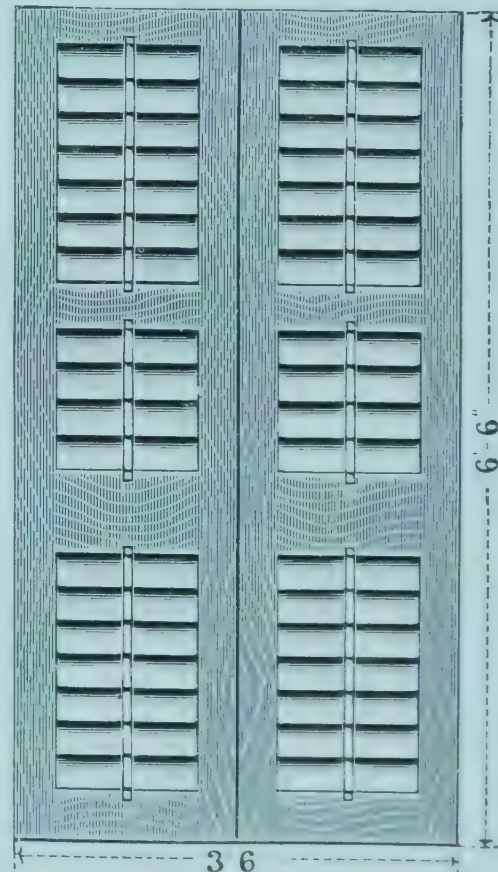
English Plate Glass,  $\frac{1}{4}$ -inch—  
24-in. by 18-in. ... } at Rs. 2-6 per sq. foot.  
36-in. by 24-in. ... }  
48-in. by 24-in. ... } at Rs. 3-4 per sq. foot.  
48-in. by 36-in. ... }  
60-in. by 36-in. ... }

### JHILL MILL AND FULL PANEL DOORS.

Complete with Hinges and Screws.

Size, 6-ft. 6-in. by 3-ft. 6-in. ...	Rs. 22.
Size, 7-ft. 0-in. by 3-ft. 9-in. ...	Rs. 25.
Size, 8-ft. 0-in. by 4-ft. 0-in. ...	Rs. 30.

### JHILL MILL DOORS.





W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.

**THESE VENTILATORS** are suitable for **Public Buildings, Private Residences, Out-houses**, and every description of Works, and for preventing Down Draughts and Sulphurous Smells in Chimneys. Through the application of the **ARCHIMEDIAN SCREW**, perfect Ventilation is secured, without the possibility of down draughts. They are guaranteed to be in perfect working order for eight to twelve years, without re-oiling or any attention whatever, if properly fixed.

The centres of these Ventilators are of the most delicate character, and revolve on an imperishable substance; their durability and perfect means of lubrication have proved unequalled.

The hood has side vanes to let out the hot vitiated air, and to prevent rain or snow beating inside; on the top of the hood are curved vanes acted upon by wind like the sails of a ship, by which means the head revolves. The screw, connected with the hood by a spindle, revolves with the hood, producing a strong continuous up-current, at the same time preventing the admission of cold air or a down-draught. This Ventilator is adapted to cotton, flax, silk, woollen, and other mills, bleach and dye works, print works, chemical works, stables, &c., where a supply of good air and the expulsion of that which has become impure are essential.

**This Ventilator** is the best for securing ventilation in **Churches, Chapels, Schools**, and other Public Buildings; also for Dwelling-houses, Bath, and Wash-houses, Stables, Weaving Sheds, Gassing-rooms, Sizing-rooms, Drying Stoves, Mangle-houses in Bleach Works, Foundries, &c.

### ADVANTAGES OF THE VENTILATOR.

1.—By the motion of the screw a continuous up-current is produced, by which means hot vitiated air, steam or dust is removed from the room.

2.—The screw producing a continuous up-current, prevents the admission of cold air or dust down the Ventilator; consequently no down-draughts are felt, which are so injurious to health and uncomfortable to sit under.

3.—The working arrangements are so sensitive that the least wind will cause the Ventilator to revolve, producing a change of atmosphere in the room in all weathers.

4.—By preventing the admission of cold air at the top of the room, the hot vitiated air is got freely away, and the oppressive heat usually felt at the bottom of the room is entirely obviated, and a comfortable and refreshing atmosphere substituted. If cold air is admitted at the top of a room through the ceiling or windows, the hot air will descend and fall to the bottom of the room to be breathed over again, which is very injurious. It should be borne in mind that hot air is light, and ascends freely to the top of the room: but if cold air meets it in its flight upwards it is forced down again, consequently ventilation is stopped altogether.

Any method having a tendency to send back or return inhaled air into an apartment is pernicious in principle, hence the sending of fresh air into a room from the ceiling, mixed with the products of respiration, is injurious to health.

No. 1.—Square Bottom, 10-in. ... price Rs. 45-0.  
" 1.—" 12-in. ... " 50-0.

No. 2.—Round Bottom, 10-in. ... price Rs. 42-8.  
" 2.—" 12-in. ... " 47-8.

### Registered Designs of JAMES HOWARTH'S PATENT VENTILATOR.

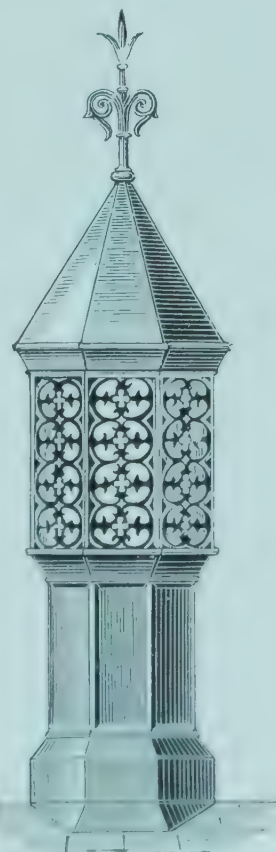
Approved of and supplied to the Royal Engineers for the Ventilation of the Royal Engineers' Students' College, erected at Keyham Harbour, Plymouth, 1879.

The Ornamental Covers, Designs A, B, C, are made of Zinc or Galvanized Iron; the D Design is constructed of Wood, the Dome covered with Lead. Prices for A, B, C, and D Designs on application.

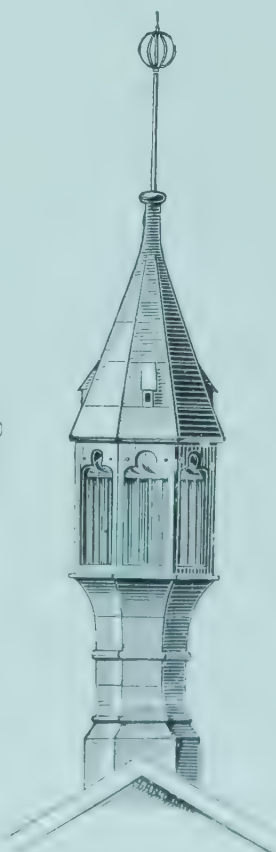
Design A.



Design B.



Design C.



Design D.



Terms—Net Cash

Prices on application.

Terms—Net Cash.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTI LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD. } CALCUTTA.



FROM THE ORIGINAL WOODCUT OF 1872.

## ICE MAKING and REFRIGERATING MACHINERY.

FOR ALL PARTS OF THE WORLD.

Why "WEST" Machines are in the front rank.

They are absolutely safe. A marvel of simplicity.

No knowledge required, anybody can work them.

Reliability and certainty of action.

### PATENT TROPICAL ETHER ICE MACHINE.

The most simple and economical Ice  
Machine made.

Requires no skilled labour.

No previous knowledge.

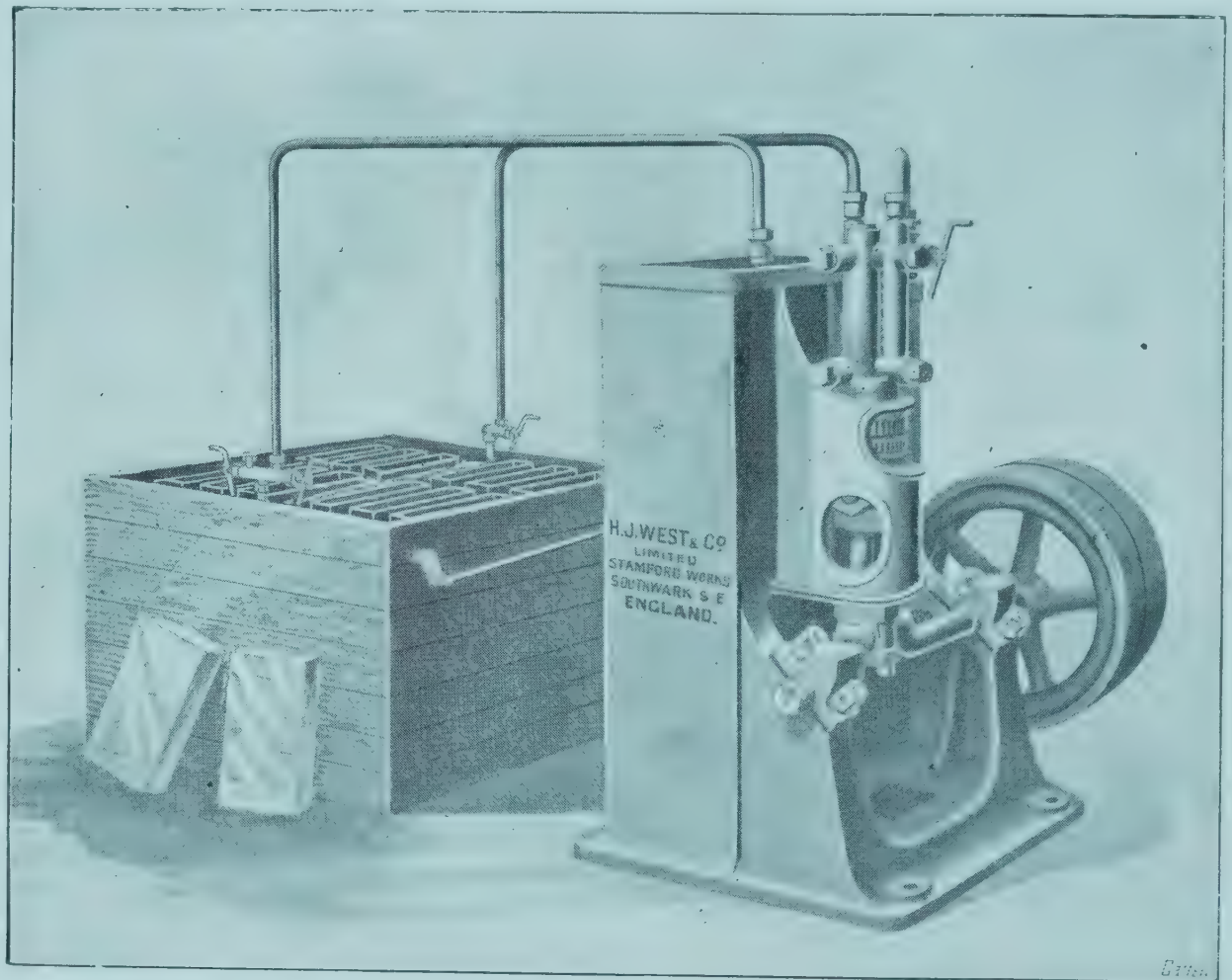
Fitted with Safety Valve.

Driven by Belt, direct Steam Engine,  
Patent Combined Motor, or any  
other suitable source of power.

As supplied to the Royal  
Military College.

Regular Pattern, No. 6.—One Ton of  
Transparent Ice in 24 hours.  
(In sizes from Nos. 1 to 7).

Larger machines are horizontal.



### ICE MACHINE REGISTER.

No. of Machine	...	...	...	...	B	1	2	3	4	5	6	7	8	9
Transparent Ice made in 24 hours	...	...	...	...	2 cwts.	3 cwts.	6 cwts.	10 cwts.	12 cwts.	15 cwts.	20 cwts.	30 cwts.	2 tons.	3 tons.
Machine complete with ice tank and all accessories, and provided with fast and loose pulleys for belt driving	...	...	...	...	Rs. 1750-0	2200-0	2750-0	4200-0	4350-0	5500-0	6000-0	7750-0	9500-0	12000-0
Machine as above, with high-pressure Steam Engine	...	...	...	...	Rs. 1950-0	2400-0	3000-0	4500-0	4700-0	5850-0	6350-0	9300-0	11500-0	14300-0
Machine as above, with high-pressure Steam Boiler	...	...	...	...	Rs. 2600-0	3000-0	3800-0	5500-0	5650-0	7200-0	8500-0	11000-0	...	...

Terms—Net Cash.

Prices are subject to fluctuation.

Terms—Net Cash



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

PATENT CONTINUOUS DIRECT-ACTING

## TRANSPARENT ICE MAKING MACHINES

(BY THE NEW ANHYDRIDE ETHER PROCESS).

THESE well-known machines combine in themselves every requisite for the production of transparent block Ice in unlimited quantities at a cheap cost. Their steady-going durable qualities and easy management at low working pressures, even in the hottest climates, has led to them being very generally adopted for hard seasonal and continuous work.

Careful attention has been given to the constructive details—a feature too often neglected by inexperienced makers. There are only three parts, and these are compactly arranged so as to render them in operation as simple as possible for the convenience of persons whose knowledge of machinery in motion is limited.

The Ether Anhydride Pump is contained in a water tank to keep the cylinder cool and prevent wear of the piston from undue friction.

“Tell tales,” gauges, and every requisite are provided to enable the attendant to work the machinery to the best advantage and detect any defect likely to impair its efficiency. At the same time the fewness of the working parts render them easy of access for adjustment and supervision.

The Ether Anhydride vessels are of stout copper and gun metal—the condenser and the refrigerator are tested before use to 10 times the working pressures. The refrigerating and condensing surfaces are exceptionally large, for employment in hot countries. The whole of the materials employed are the best of their several kinds and the workmanship of the highest order.

The Steam Engine is connected direct to the Ether Anhydride Pump without the intervention of any wheels or gearing, and is maintained at a steady uniform speed, by a highly sensitive governor, so dispensing with the constant presence of the engine driver.

The attendance upon the machine, while at work, is confined to the man in charge. Assistance, in the shape of cheap labour, or coolies, is required at each output, to remove the ice quickly; this help is dependant upon the size of the ice factory, but two or three labourers suffices for small plants.

**THE WORKING PROCESS.**—The Refrigerator **A** is charged with liquid Ether Anhydride, and the Ice Tank **G** is partly filled with a solution of chloride of calcium, termed “Brine,” in which are placed the Ice Cans **g** containing the water for freezing. On starting the machine the liquid Ether vaporises in the Refrigerator producing a low degree of cold. The vapor is removed from **A** by the action of the Compressor Pump **B** into the Condenser **C**, where it is reliquified and returns automatically to the Refrigerator to be re-used, the process being a continuous cycle.

The frigorific effect produced is to reduce the “Brine” in the Ice Tank to a very low temperature many degrees below freezing. In its turn the cold brine abstracts heat from the water in the ice vessels **g** until it becomes frozen into hard blocks of ice.

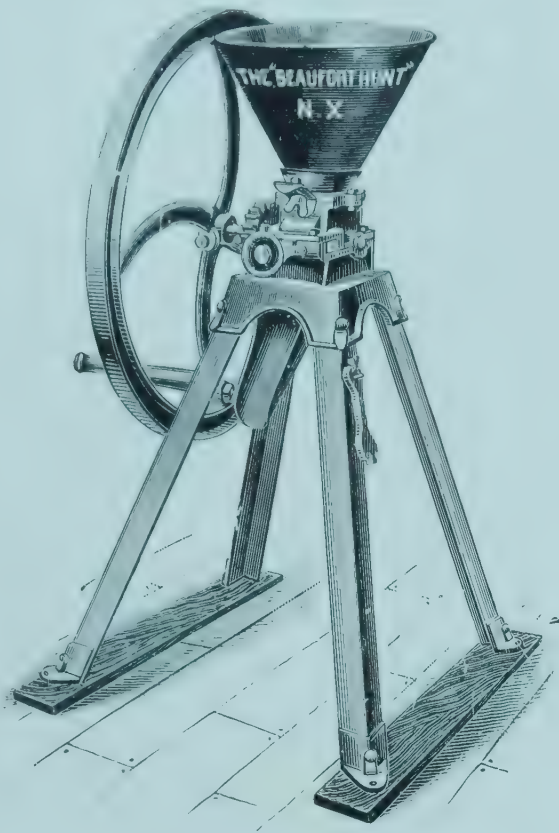
The “Brine” may be said to act as a “carrier of cold” from the Refrigerator to the water Ice Cans. The same Ether hydride is used indefinitely without appreciable loss.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## THE "BEAUFORT HUNT" CRUSHERS.

Upwards of 1,100 supplied to H.M. Government.

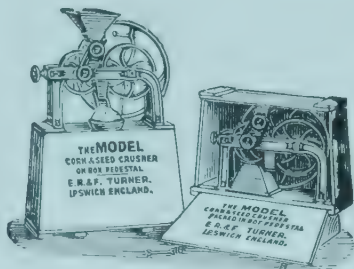


The "Beaufort Hunt" Mills assist digestion, enable the corn to mix better with the chaff, and prevent it passing through the animals unmasticated, thereby assisting young horses which are shelling their teeth, and old ones to properly masticate their food.

Size N.X.—For Oats as well as Beans, Peas, Maize, &c.

With two Steel Rollers. A boy can work it. ... Rs. 50-0

## SMOOTH ROLLER CORN MILLS.



No. 11.—Mill for Crushing Oats,

PORTABLE.

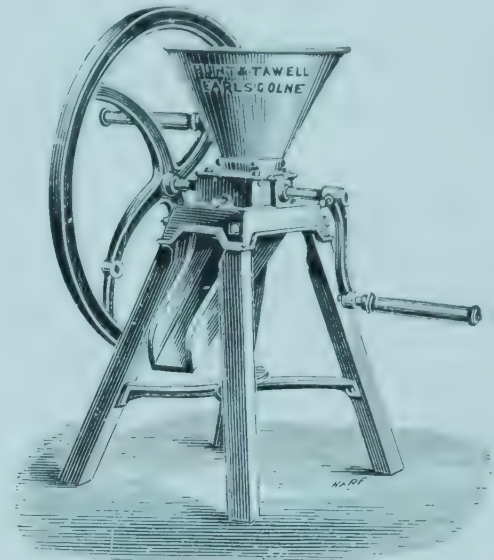
Price ... .. Rs. 80-0.

No. 11B.—Mill for Crushing Oats and Gram,

PORTABLE.

Price ... .. Rs. 90-0.

## HUNT'S CORN MILLS FOR CRUSHING GRAIN.



M M 2.

These Mills are admirably adapted for crushing Maize, Oats, Barley, and other Corn for feeding purposes, and will produce an excellent sample without change of Cutting Plate.

The Roller Cutting Plate is of solid steel and case hardened.

The Spindle of the M M 2 Mill is long enough to take a pulley on either side.

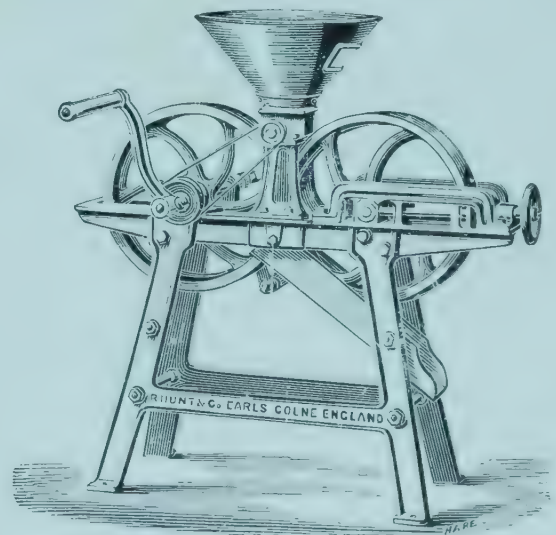
The M M O and the M M 1 Mills will crush, on an average, from 120 to 225 lbs. per hour by hand-power, and the M M 2 from 450 lbs. by hand-power, or 750 lbs. by horse or steam power.

M M O.—For hand power, wooden hopper... .. Rs. 45-0

M M 1.—For hand-power, iron hopper and feed regulator, large fly wheel for M M O or M M 1, extra ... .. " 57-8

M M 2.—For hand, horse, or steam-power ... .. " 67-8

## SMOOTH ROLLER CORN MILLS.



These Mills are arranged on the same principle as those brought out by Messrs. Ransomes, but of cheaper design, and can be strongly recommended for their efficiency. Both rollers being of equal size gives them a great advantage over the machines with one large and one small roller, and fully repays the slight extra cost.

B M A.—With equal rollers, 15-in. by 3½-in., two handles, will crush from 150 lbs. per hour by hand-power, or from 500 lbs. by steam-power, Rs. 120-0.

B M B.—With equal rollers, 18-in. by 4-in., two handles, will crush from 200 lbs. per hour by hand-power, or from 700 lbs. by steam-power, Rs. 160-0.

Terms—Net Cash.

Estimates for Complete Plants for power on application.

Terms—Net Cash.



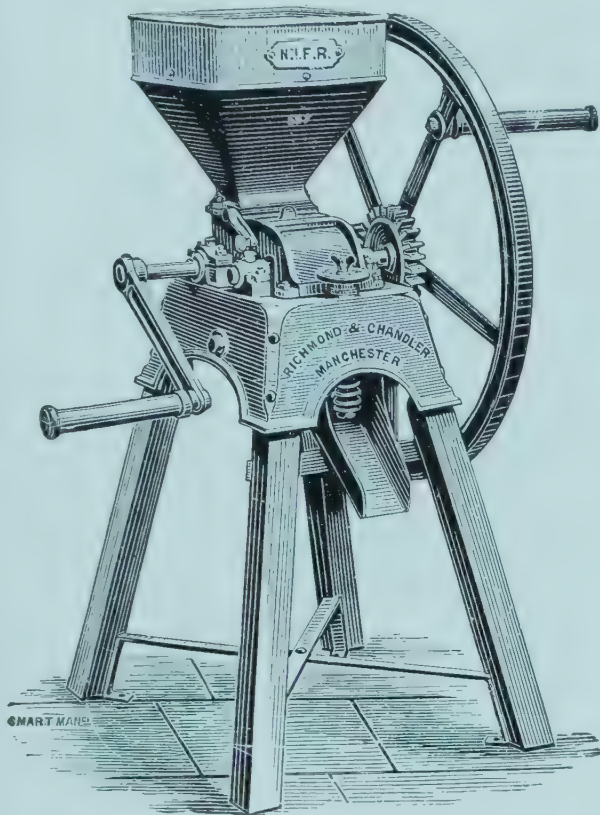
W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## CORN MILLS for CRUSHING GRAIN of all kinds.

Bruised corn is well known to be more nutritious, and consequently more economical.



CORN CRUSHERS (New Series).

## CORN MILLS FOR STEAM POWER.

Since the introduction of our New "Swift A" Corn Crusher, we have had numerous enquiries for a smaller Mill, on the same principle, suitable for Horse Power or small Engine, and have therefore much pleasure in now being able to recommend a good strong Mill suitable either for splitting or flattening purposes. In constructing this Mill great care has been exercised in designing it to make all the wearing parts accessible. A new form of parallel adjustment is introduced, which, by simply turning the Hand Wheel at the front regulates the rollers to any required distance to suit the various sizes of grain to be acted upon. Attached to this is our new Patent Spiral Spring Arrangement, which allows of any hard substance, such as nails, bolts, &c., which may accidentally get into the Mill, to pass between the rollers without breaking the wheels or damaging the frame.

The main spindles are all fitted with interchangeable brasses, caps, and covers, to the oil holes, to keep out the dust. An improved Spiral-fluted Feed Motion is also added, which distributes an even supply of grain to the rollers, making it impossible for the feed to clog.

B, FR with diagonally-fluted Rollers, for Oats, Beans, Peas, Maize, or Malt ..	Rs. 200-0
B, PR fitted with plain Rollers and Scrapers for Oats or Malt .. .. .	" 200-0
B, SR with special fluted Rollers and Scrapers for Oats, Malt, or Barley ..	" 200-0
No. 3 FR fitted with diagonally-fluted Rollers for Oats, Beans, Peas, Maize, or Malt .. .. .	" 275-0
No. 3 PR fitted with plain Rollers and Scrapers for Oats or Malt .. .. .	" 275-0
No. 4 FR fitted with diagonally-fluted Rollers for Oats, Beans, Peas, Maize, or Malt .. .. .	" 375-0
No. 4 PR fitted with plain Rollers and Scrapers for Oats or Malt .. .. .	" 375-0
No. 4 LR fitted with specially fluted Rollers and Scrapers for Linseed ..	" 375-0
No. 5 FR fitted with diagonally-fluted Rollers for Oats, Beans, Peas, Maize, or Malt .. .. .	" 650-0
No. 5 PR fitted with plain Rollers and Scrapers for Oats or Malt .. .. .	" 650-0

These Mills are constructed on an entirely new principle, and are remarkable for their strength, simplicity of arrangement, and for the excellence of workmanship displayed therein; they are made with Iron Frame and Wood Legs, the latter being strengthened with wrought-iron stays, which also serve as brackets for securing to the floor when required. The fluted rollers are accurately finished and case-hardened, and after becoming worn, they can be re-cut and hardened. The main bearings are fitted with brass steps, caps, and covers for the oil holes, to keep out the dust. A new patent parallel adjustment is also introduced into these Mills, so that the rollers may be set at any distance apart to suit the various sizes of grain, the alteration being affected by simply turning a hand-wheel at the front. They are also fitted with another new feature, viz.: a new Patent Spiral Spring Arrangement which allows any hard substance, such as nails, bolts, &c. (which may accidentally get into the mill), to pass between the rollers without breaking the wheels or damaging the main frame.

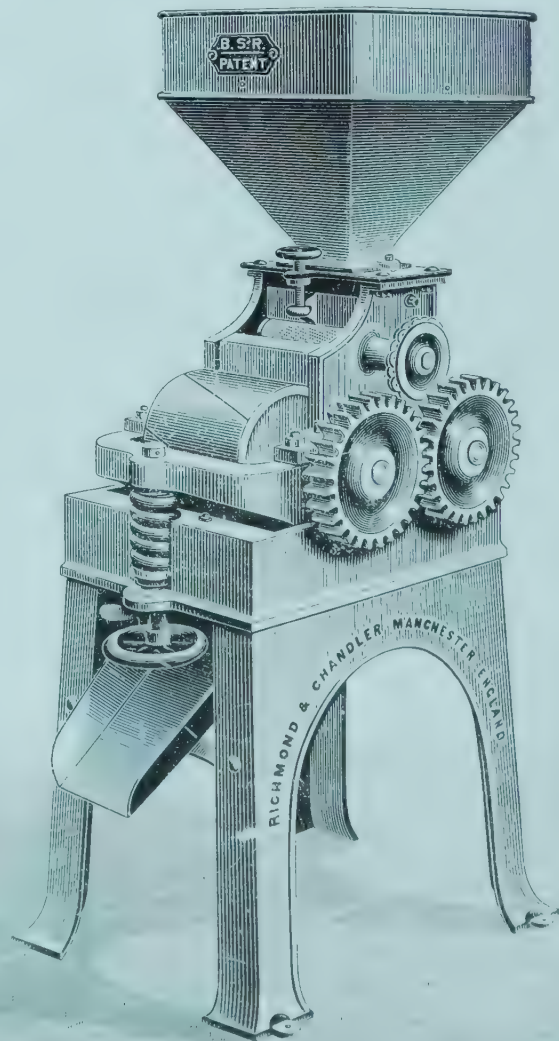
As indicated by the letters F. R. and P. R.

	Size of Rollers.	Power required.	Outturn.	Price.
No. 1 F. R....	5-in. by 5-in.	One man	500-lbs. gram	Rs. 105-0
No. 1 P. R....	" "	"	150 " oats	" 105-0
No. 2 F. R....	6-in. by 6-in.	Two men	750 " gram	" 135-0
No. 2 P. R....	" "	"	250 " oats	" 135-0

Spare Rollers, per pair, Rs. 32-8, 40-0.

Bruised oats will go one-half further in measure after being well crushed, while the horse is put into better condition.

Oats, if given uncrushed, are swallowed without mastication.

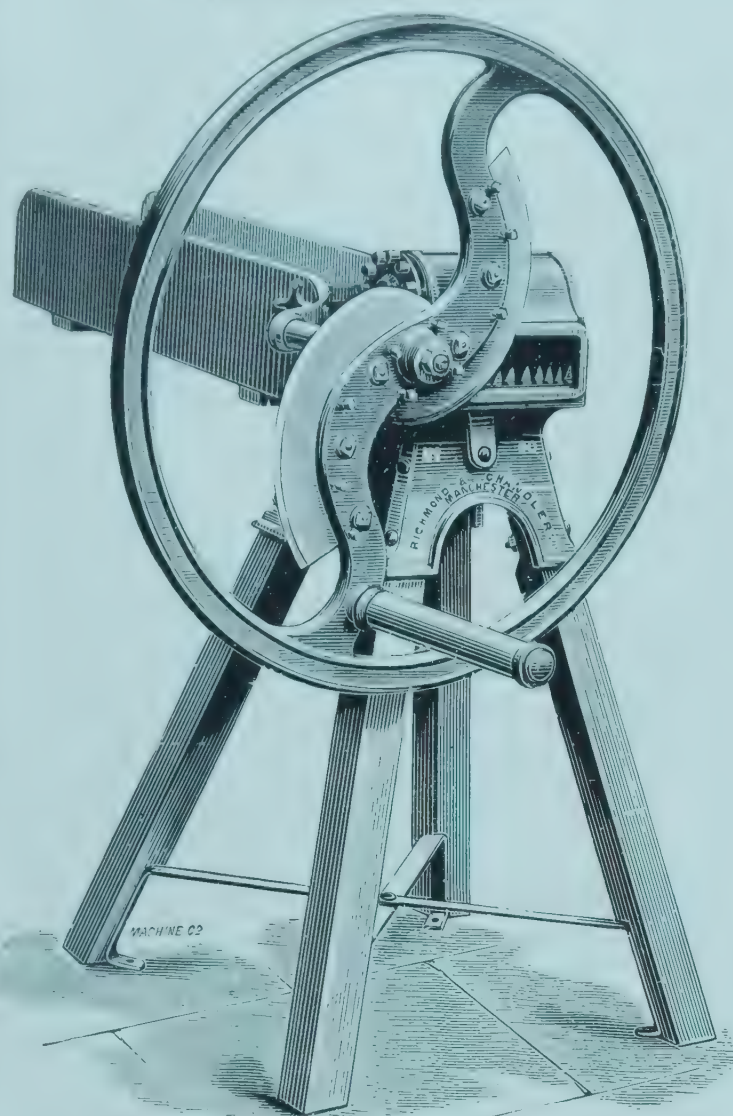


NEW CORN CRUSHER, B.S.R.

Estimates for Complete Plant for Steam Power on application.

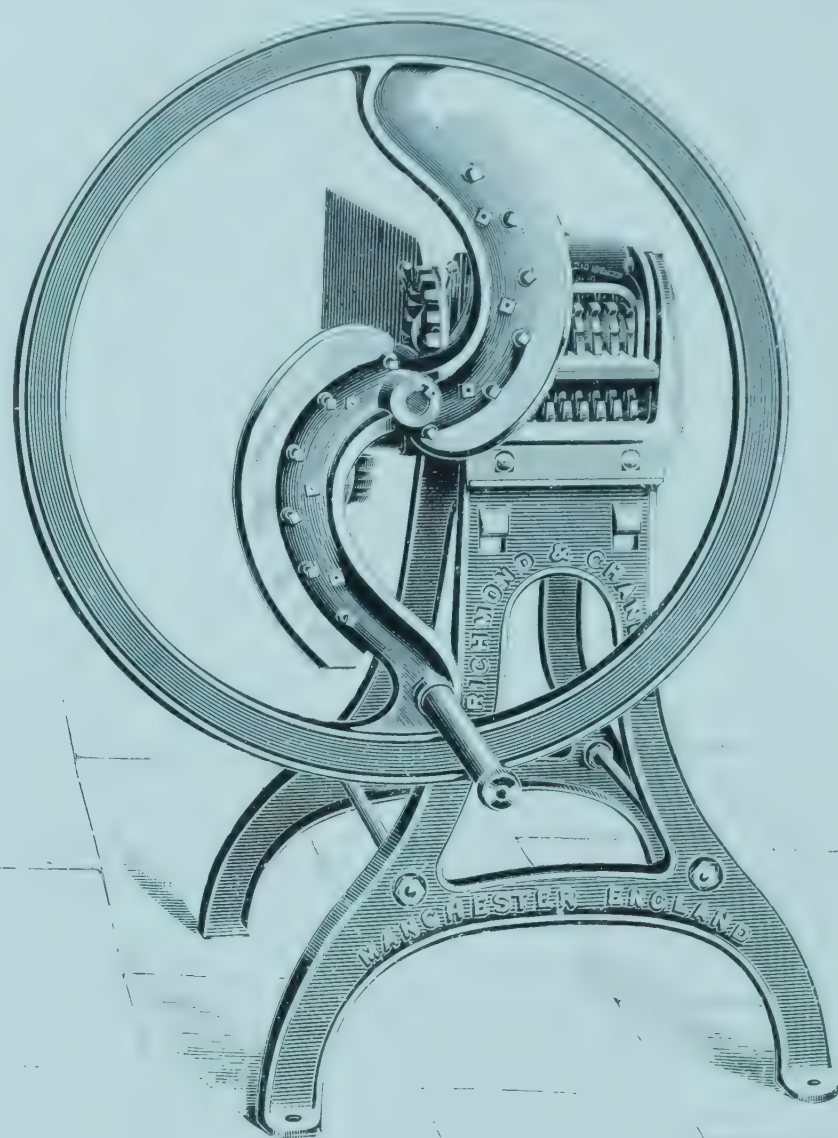


# CHAFF CUTTERS. FOR HAND AND POWER.



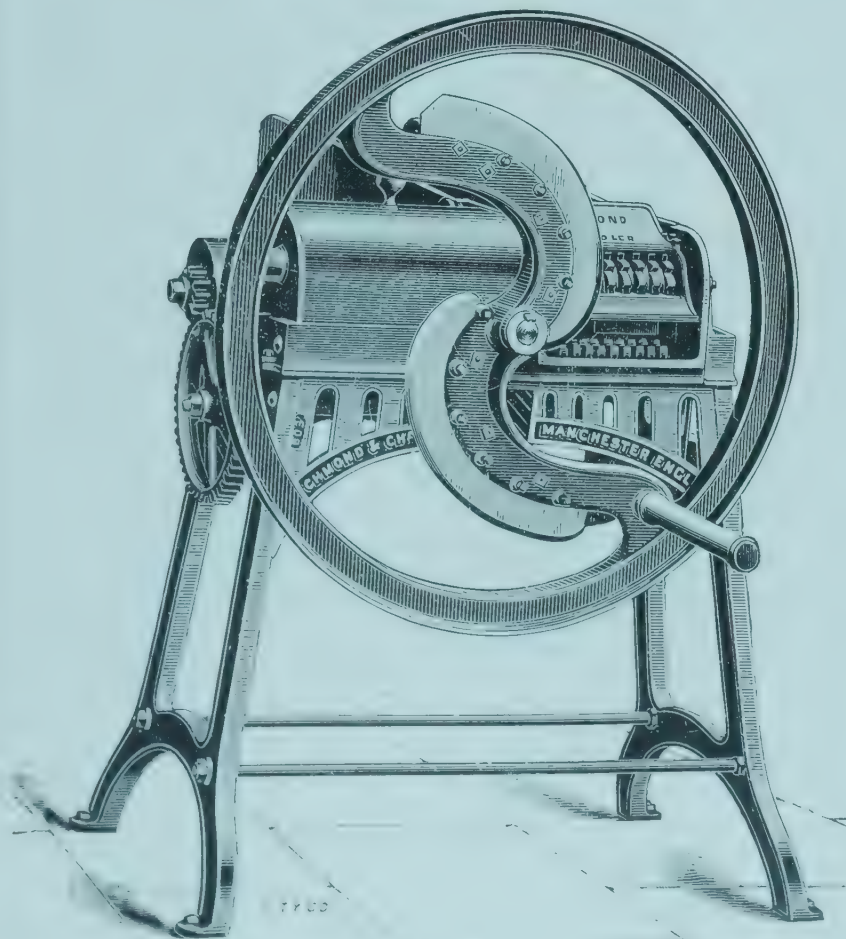
The "Simplex" Chaff Cutter ... Rs. 38-0.  
The "Leslie" " ... " 37-8.

# CHAFF CUTTERS. FOR HAND AND POWER.

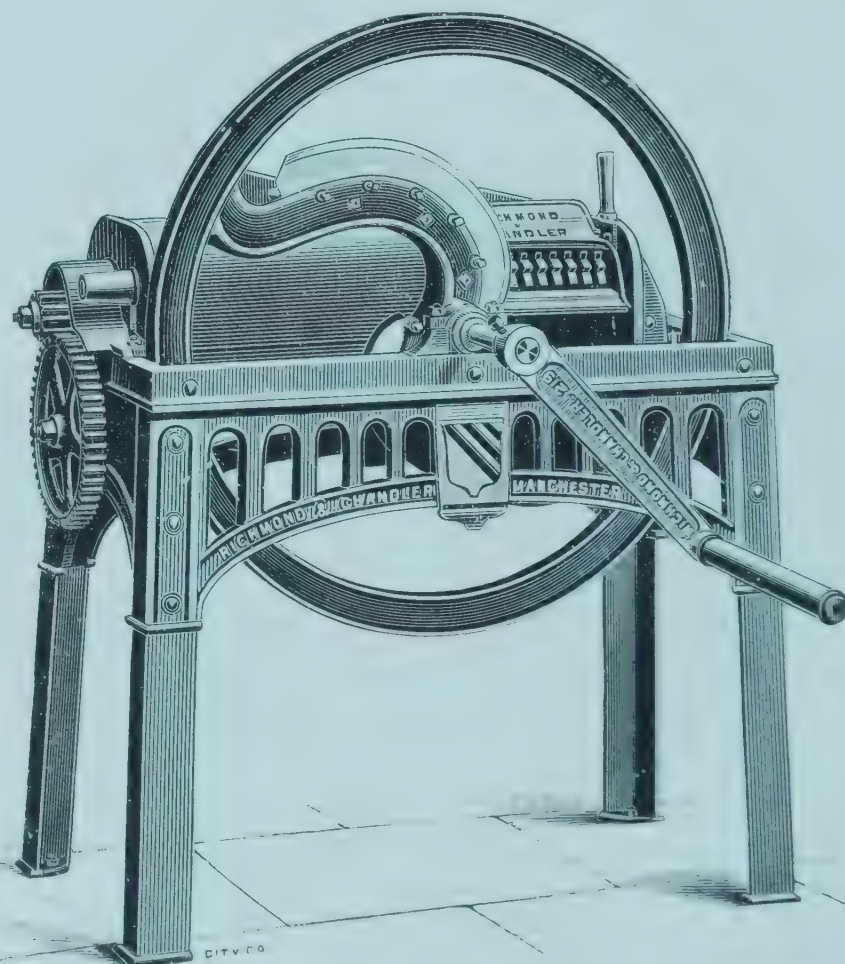


The "B.A." Chaff Cutter ... Rs. 57-8.

This page will not admit of description: full particulars on application.



The "B.D." Chaff Cutter ... Rs. 95-0.



The "B.F." Chaff Cutter, Rs. 145-0. No. 60A Chaff Cutter, Rs. 120-0.  
No. 63 Chaff Cutter ... Rs. 180-0.



W. LESLIE & CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.

## PATENT CHAFF CUTTERS.

No. 63, Chaff Cutter for Power ... .. Rs. 180-0.

### No. 64.

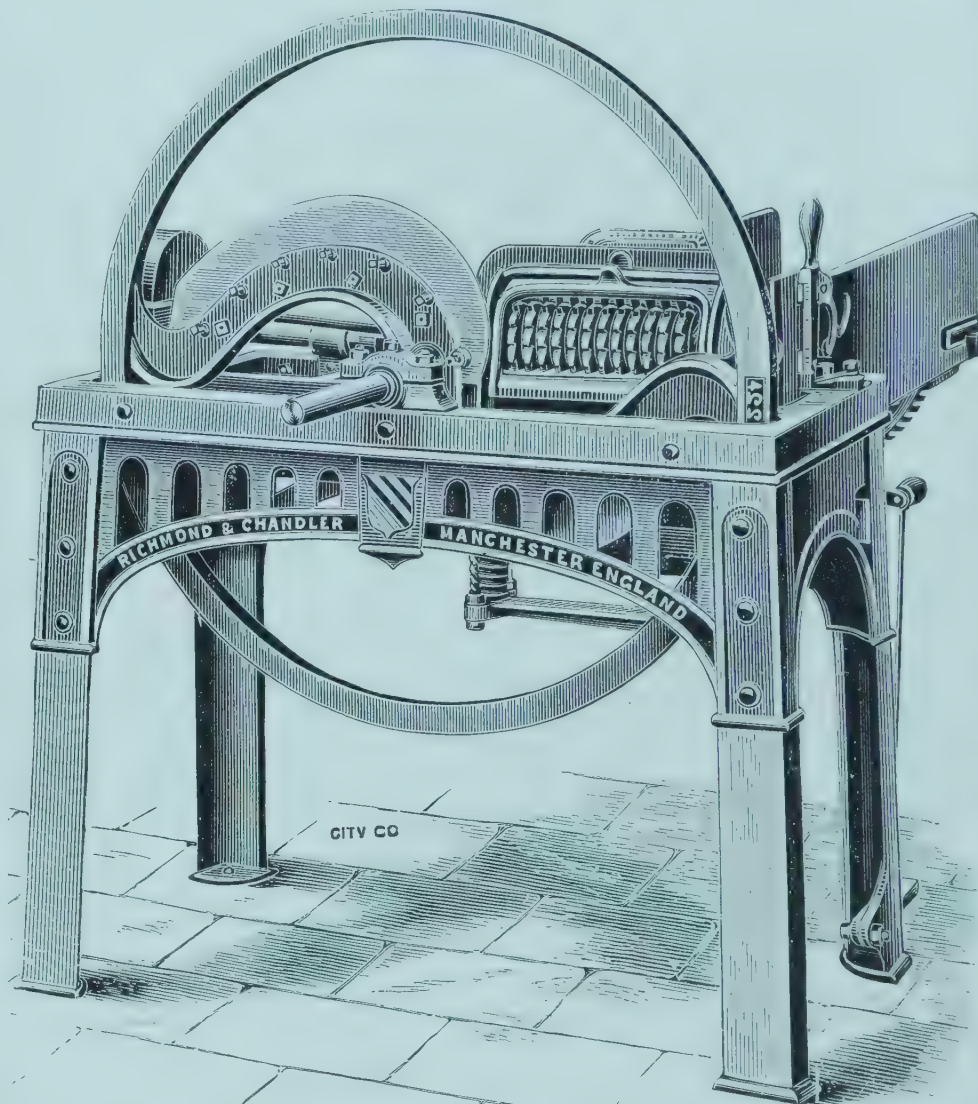
No. 64 Chaff Cutter is larger and stronger than the No. 63, and is fitted with the following patented arrangements:—

**Stop Motion.**—The Stop Motion is an *independent arrangement*, which can be worked *either by hand or foot*—a double safeguard; and when put into gear, it instantaneously arrests the progress of the feed rollers. We direct particular attention to the Stop Motion being quite independent of the Reverse Motion, as, its being so, no confusion can arise in the attendant's mind as to which way to turn any particular handle.

This is an excellent machine, to be worked by a horse gear or small engine. Mouth 11½-in. wide, feeding to 4¾-in. thick. Price, Rs. 225-0.

Pulley, 14-in. by 3¼-in. ... .. Rs. 10-0.

No. 65, Chaff Cutter for Power ... .. Rs. 375-0.



### No. 66.

This machine is similar in principle to the preceding Nos. 64 and 65, but larger and stronger, and has three knives. It is fitted with double-safety stop motion, self-acting reverse motion, spiral springs to give pressure, adjustable open-pattern rising cover, and endless feeding web, as fully described with the No. 64.

This machine took the First Prize of £10 as the best Chaff Cutter for horse or steam power at the last trials of the Royal Agricultural Society of England, at Oxford, when it cut 267 lbs. of soft barley straw into ¾-in. chaff in five minutes, being 43½ lbs. more than was accomplished by any other machine, whilst it consumed, as shown by the dynamometer, about a fifth less power than any of its numerous competitors. (See Table in the *Journal of the Society*, Vol. VI., part II., No. XII., page 486).

Also at the previous trials of the Society, at Bury St. Edmunds, it was awarded the First Prize of £10, having accomplished the almost incredible feat of cutting 1 cwt. of wheat straw into chaff with 49 per cent. less power than any other machine.

Mouth 14½-in. wide, feeding up to 5¼-in. thick. Endless Feeding Web. Pulleys 18-in.

Price ... .. Rs. 400-0.

No. 67. This machine is a size larger than No. 66.

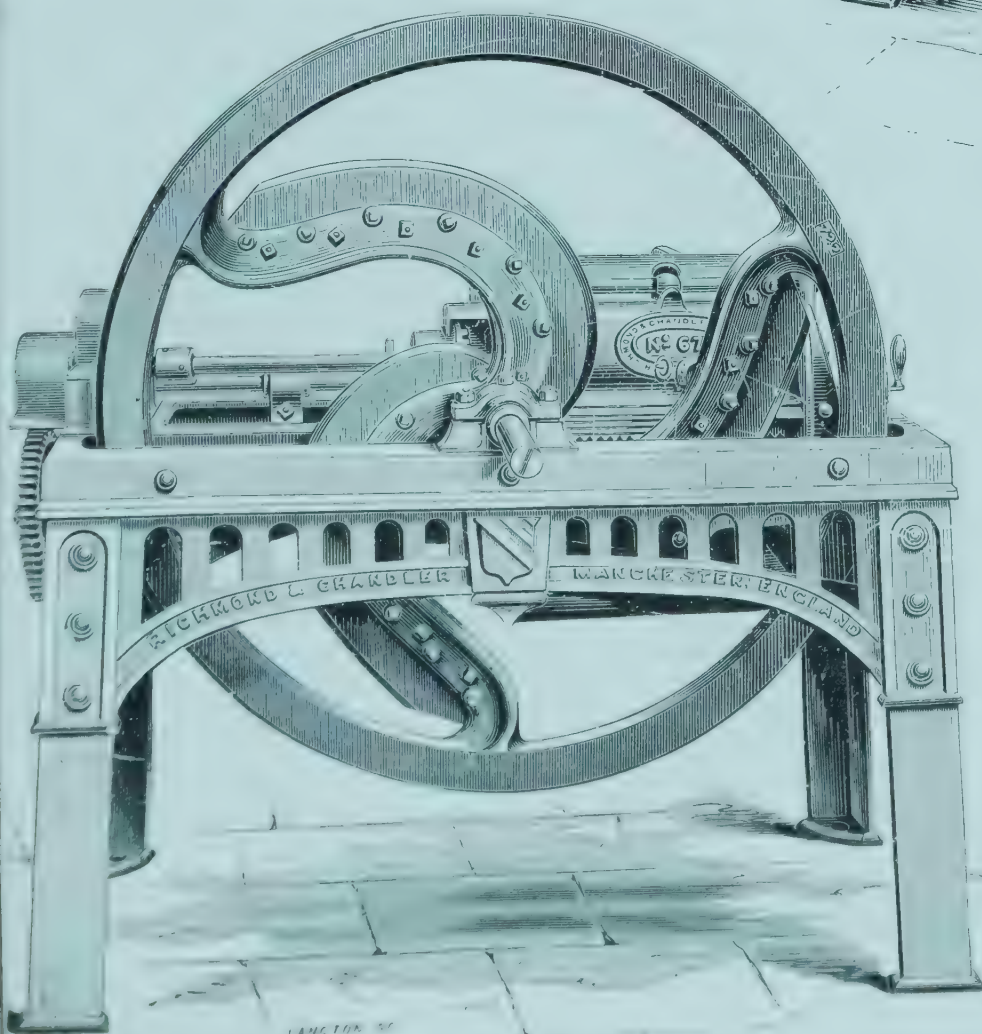
Price ... .. Rs. 475-0.

### CHAFF CUTTER KNIVES.

Simplex.	Leslie.	No. B.A.	B.D.
Rs. 2-4 ...	2-4 ...	2-12 ...	3-4
B.F.	60A.	63.	64
Rs. 3-4 ...	3-8 ...	4-0 ...	4-4

Prices are subject to fluctuation.

Terms—Net Cash.





W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, } CALCUTTA.

## "ALEXANDRA" CREAM SEPARATORS

ARE FAR AHEAD OF ALL OTHERS.

LATEST SUCCESS:—At the recent working trials in Durban, Natal, the No. 11½ size carried off 1st Prize Gold Medal against leading makes.

25,000 IN DAILY USE.

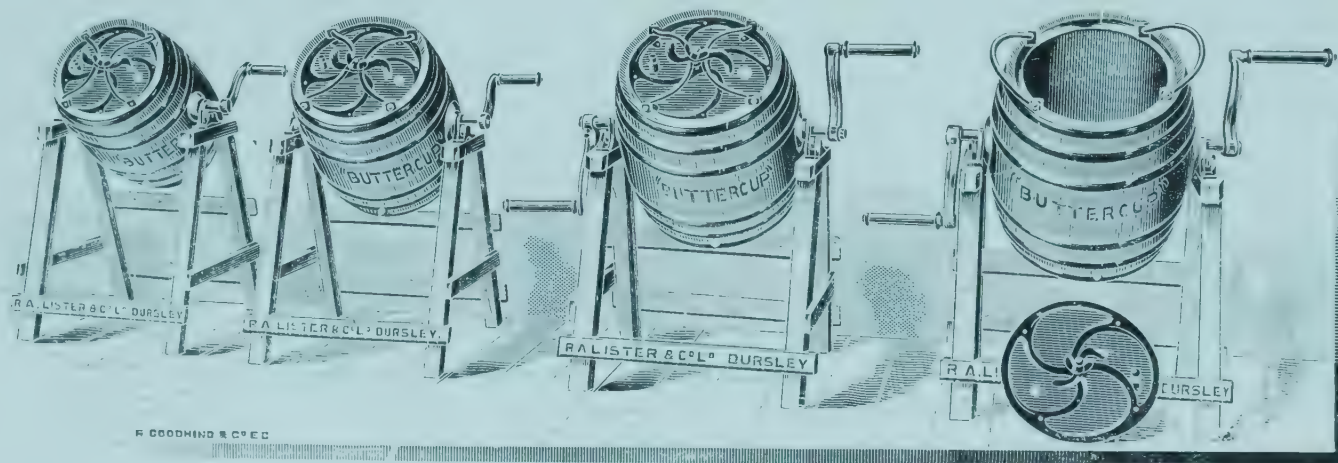


### SIZES AND PRICES:—

No. 12, 16 gallons per hour	...	...	...	Rs. 200-0.	No. 11½, 25 gallons per hour	..	...	...	Rs. 270-0.
No. 8, 30 gallons per hour	...	...	...	Rs. 300.					

## BUTTER CHURNS.

Fitted with Best Seasoned Oak Barrels. New Pattern Frame and Roller Bearings. No Rubber Ring. Nickel-plated Air Valve.



### THEY OFFER THE FOLLOWING ADVANTAGES:

They are 33½ per cent. Lower in Price than others. The Cover is held by 1 Screw only, instead of 4 as with others (can be put on or taken off in a moment). Cork Rings are used instead of rubber—the latter deteriorate and become offensive when in use a few months.

SIZES AND PRICES:—				SIZES AND PRICES:—			
Size No.	Will hold when full.	Approx. Amount of Butter produced.	Rs.	Size No.	Will hold when full.	Approx. Amount of Butter produced.	Rs.
2 N.	12 gallons	2 to 23-lbs.	58-0	3 N.	17 gallons	2 to 28-lbs.	60-0

Terms—Net Cash.

A Complete Line in Dairy Appliances in stock. Write for General Catalogue.

Terms—Net Cash.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

## LIST OF SIZES OF BUSHINGS

Kept in Stock and Furnished with

### THE FULTON WOOD SPLIT PULLEYS.

Pulleys from 12 to 6 inches in diameter, inclusive, take Round Bushing, marked C and bush from 1 inch to 2 and 15-16 inches, inclusive.

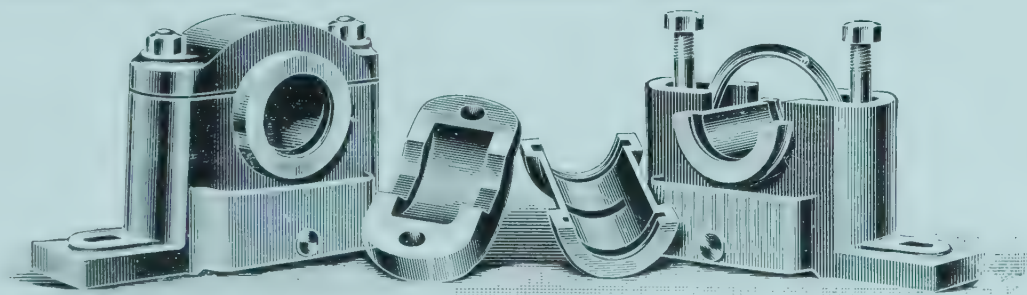
Pulleys from 24 to 13 inches in diameter, inclusive, take B Bushing and bush from 1 inch to 3 and 3-16 inches, inclusive.

Pulleys over 24 inches in diameter take A Bushings and bush from 1 and 3-16 inches to 3 and 8-16 inches inclusive.

Fulton Never-Slip Wood Split Pulley is the latest and best in the world.

### SIZES AND PRICES OF THE FULTON NEVER-SLIP WOOD SPLIT PULLEYS.

Dia.	Face	Rs. each.	Dia.	Face	Rs. each.	Dia.	Face	Rs. each.	Dia.	Face	Rs. each.	Dia.	Face	Rs. each.
6-in. by 4-in. ..	5-0		16-in. by 4-in. ..	8-0		24-in. by 4-in. ..	12-8		28-in. by 6-in. ..	20-0		36-in. by 6-in. ..	32-0	
6 " 6 ..	5-0		16 " 6 ..	10-0		24 " 6 ..	17-8		28 " 8 ..	25-0		36 " 8 ..	37-8	
8 " 4 ..	5-12		16 " 8 ..	12-8		24 " 8 ..	21-0		28 " 10 ..	28-0		36 " 10 ..	45-0	
8 " 6 ..	6-8		16 " 10 ..	15-0		24 " 10 ..	25-0		28 " 12 ..	36-0		36 " 12 ..	55-0	
10 " 4 ..	6-0		16 " 12 ..	15-0		24 " 12 ..	30-0		30 " 4 ..	20-0		38 " 8 ..	42-0	
10 " 6 ..	7-0		18 " 4 ..	8-8		24 " 15 ..	37-8		30 " 6 ..	22-8		38 " 10 ..	50-0	
10 " 8 ..	8-0		18 " 6 ..	12-8		25 " 6 ..	17-8		30 " 8 ..	25-0		38 " 12 ..	60-0	
12 " 4 ..	6-8		18 " 8 ..	15-0		25 " 8 ..	21-0		30 " 10 ..	30-0		40 " 8 ..	47-8	
12 " 6 ..	8-0		18 " 12 ..	17-8		25 " 10 ..	25-0		30 " 12 ..	37-8		40 " 10 ..	55-0	
12 " 8 ..	8-8		20 " 4 ..	10-0		26 " 6 ..	17-8		30 " 14 ..	50-0		40 " 12 ..	65-0	
14 " 4 ..	8-0		20 " 6 ..	12-8		26 " 8 ..	22-8		32 " 8 ..	30-0		44 " 10 ..	65-0	
14 " 6 ..	8-8		20 " 8 ..	17-8		26 " 10 ..	28-8		32 " 12 ..	42-8		44 " 12 ..	75-0	
14 " 8 ..	9-4		20 " 10 ..	17-8		27 " 6 ..	21-0		34 " 6 ..	27-8		46 " 15 ..	100-0	
15 " 4 ..	8-0		20 " 12 ..	22-8		27 " 8 ..	22-8		34 " 8 ..	35-0		48 " 10 ..	75-0	
15 " 6 ..	12-0		22 " 4 ..	12-8		27 " 12 ..	35-0		34 " 10 ..	42-0		48 " 12 ..	90-0	
15 " 8 ..	12-8		22 " 6 ..	17-8		28 " 4 ..	00-0		34 " 12 ..	47-0		48 " 16 ..	110-0	



### PLUMMER BLOCKS (Self-Oiling).

Self-oiling Plummer Blocks to be of service must be reliable, otherwise the supply of oil to the shaft is stopped, and disastrous results follow.

The top cover is fitted with a Sight Glass, which permits a periodical inspection of the Ring without having to remove the cap. This is a most important feature, as, in the event of mishap, it is detected at once, and can be remedied before further mischief is done.

### BRIGHT TURNED SHAFTING, COUPLINGS, and PLUMMER BLOCKS.

Diameter (Whitworth's Standard) ins.	1½	1¾	2	2½	2¾	3	3½	4
Shafting, Wrought, Turned, per foot, Rs.	1-12	2-4	2-8	3-0	3-8	4-4	4-8	5-8
Loose Collars, with Set Screw, each "	3-0	3-8	4-0	4-4	4-8	4-12	5-0	6-8
Couplings, Bright, per pair "	16-0	20-0	21-0	24-0	26-0	28-0	30-0	37-8
Cutting Keyways in Shafts, Fitting								
Couplings on and Re-facing								
Couplings after, extra per pair "	8-0	10-0	11-0	12-0	13-0	14-0	15-0	18-0
Plummer Blocks, with Brasses, ea. "	7-8	10-8	12-0	14-8	17-8	21-0	26-0	32-0

Price for Brackets, Hangers, Wall Boxes, &c., on application.

### CAST-IRON PULLEYS, English Make.

36 in. by 8-in. by 2½-in. Price, Rs. 47-8 each.

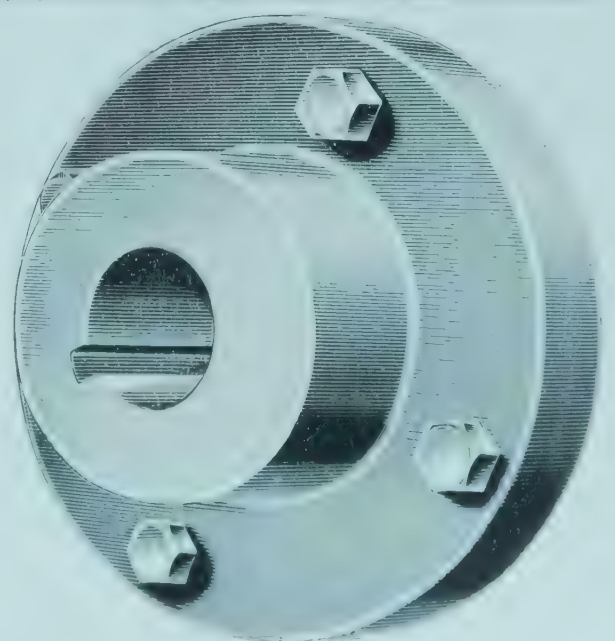
42-in. by 10-in. by 2½-in. " " 75-0 "

Turned, Bored, and Key Seated.

12 by 4	18 by 5	24 by 6	Rs. 9-0	14-0	22-0
30 by 6	36 by 8	42 by 10	Rs. 35-0	47-8	75-0

### WROUGHT-IRON SPLIT PULLEYS.

12 by 4	16 by 4	20 by 6	24 by 5	30 by 6	36 by 6	36 by 8
Rs. 15-0	18-0	25-0	28-0	40-0	50-0	52-8



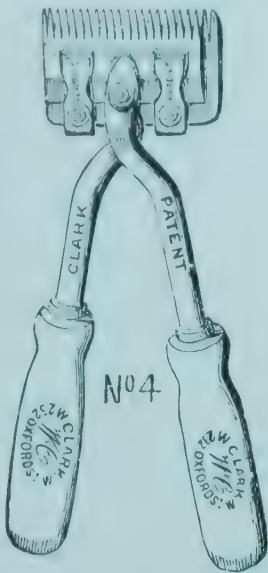
Our Bushings are marked A, B, C, D and E



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

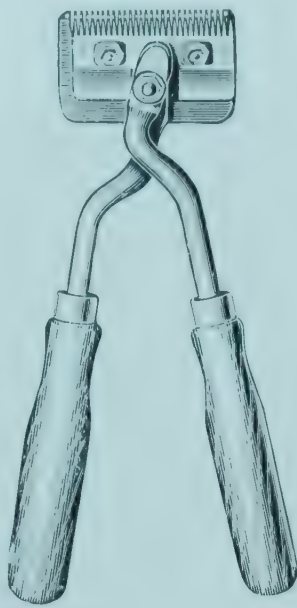
## HORSE CLIPPERS.

Clark's Patent.



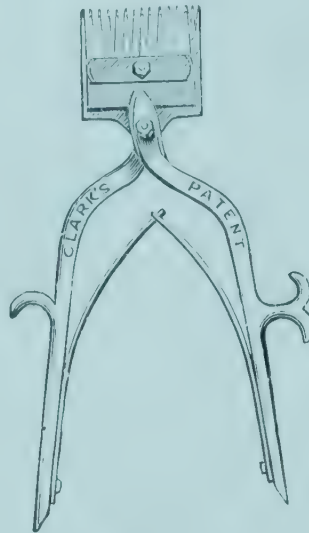
Price ... Rs. 10-4.

The Dandy.



Price ... Rs. 4-0.

Clark's Mane Clipper.



No. 2.

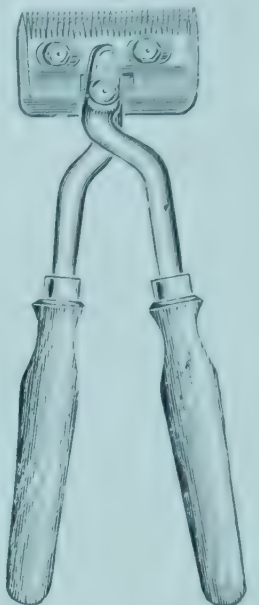
Price ... Rs. 7-8.

The Newmarket.



Price ... Rs. 5-0.

Martin's Patent.



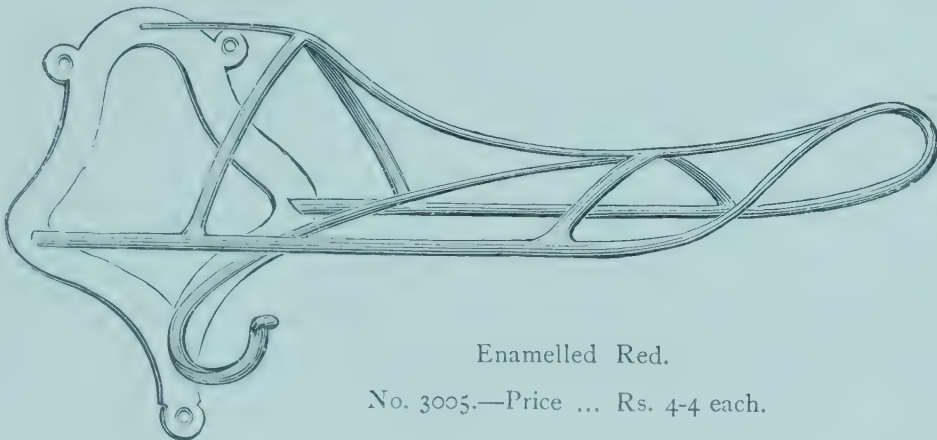
Price ... Rs. 6-0.

CLARK'S No. 2.—One-handed Clipper for heads, manes, quarters, and difficult parts, leaving one hand at liberty to hold the horse, thus enabling the clipping to be performed by one man only. This machine is also used for clipping poodles.

CLARK'S No. 4.—A two-handed instrument with the patent Grasshopper Springs over the plates. This improvement renders the machine simply perfect, producing a softness and ease of motion not to be surpassed, whilst by the peculiar and continuous self-acting pressure of the spring the two plates are kept in cutting contact, and the machine requires no further sharpening. It is therefore specially adapted for the Colonies.

## HARNESS AND SADDLE BRACKETS.

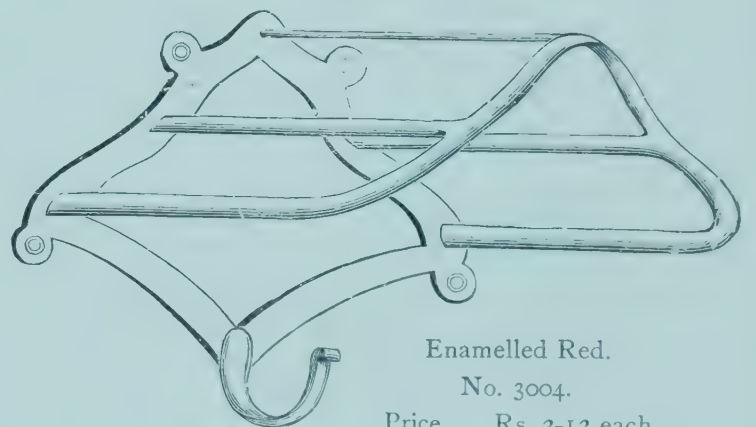
Gent's Saddle Bracket.



Enamelled Red.

No. 3005.—Price ... Rs. 4-4 each.

Pad Bracket.

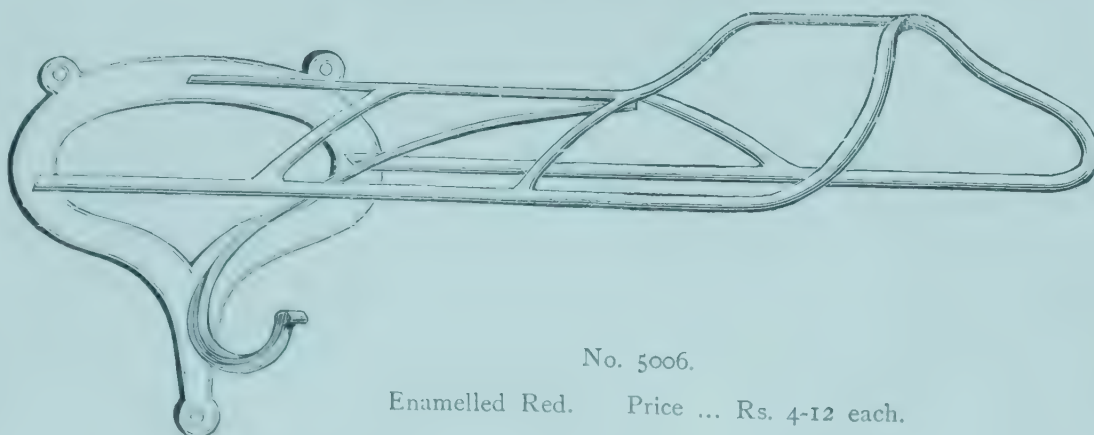


Enamelled Red.

No. 3004.

Price ... Rs. 2-12 each.

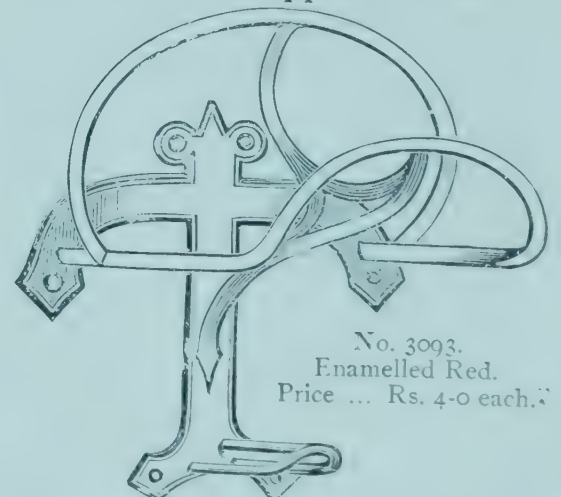
Ladies' Saddle Bracket.



No. 5006.

Enamelled Red. Price ... Rs. 4-12 each.

Collar and Crupper Bracket.



No. 3093.

Enamelled Red.

Price ... Rs. 4-0 each.

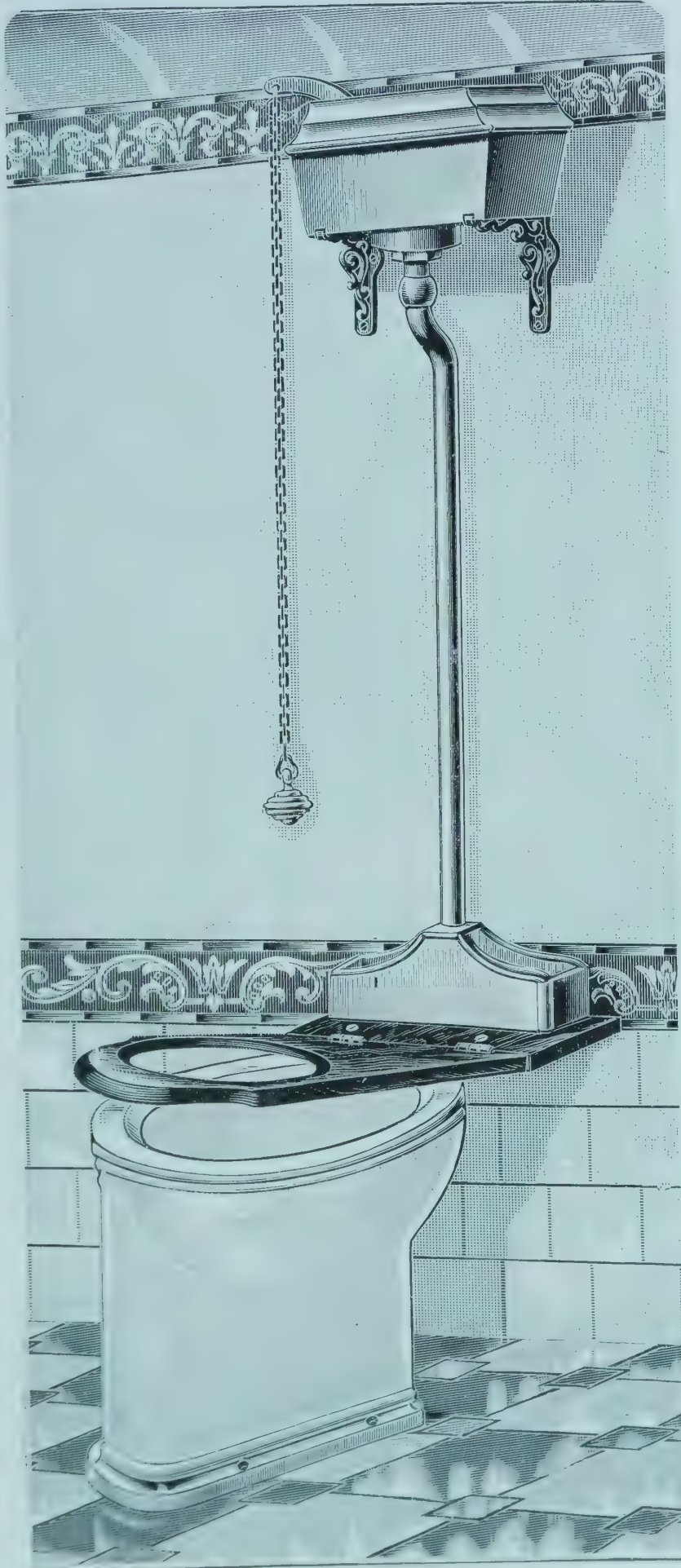
Bridle Brackets, 2949 ... .. Rs. 1-2.



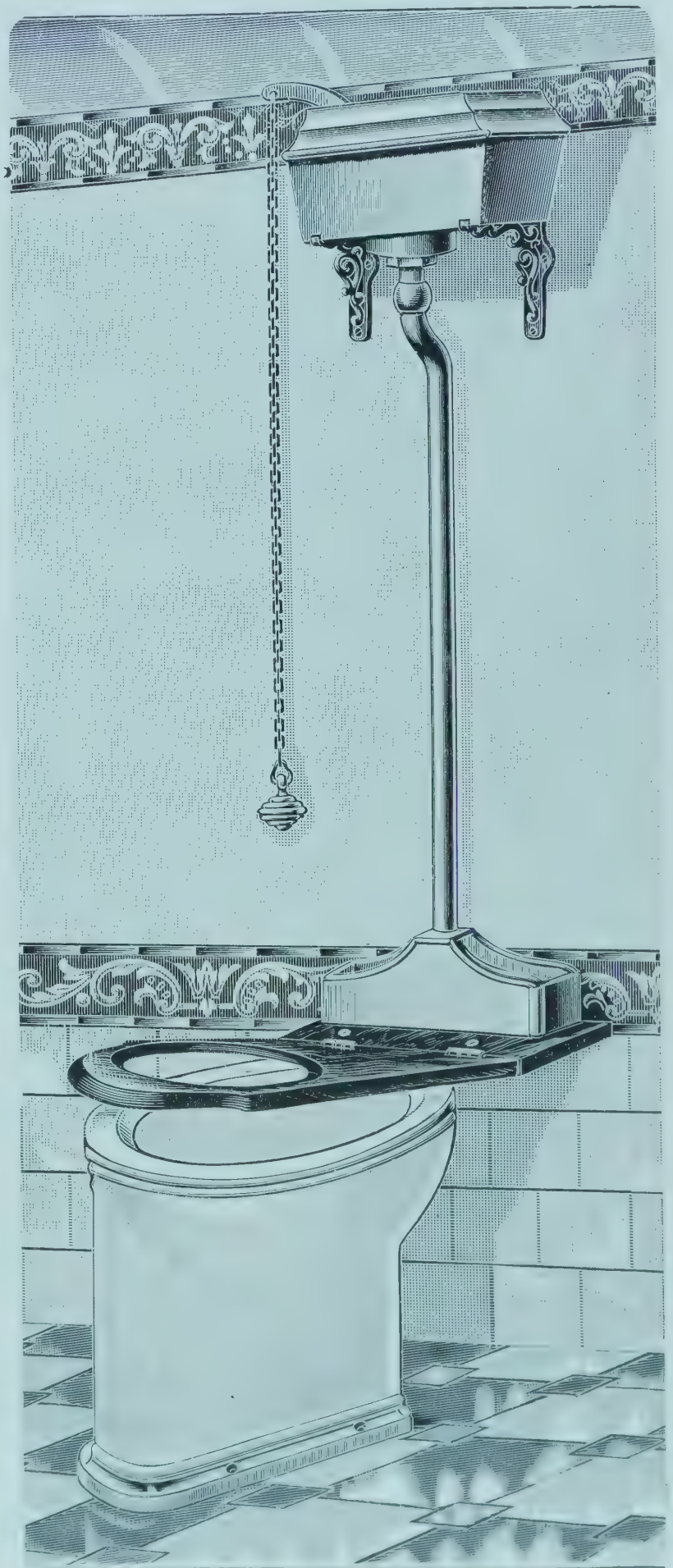
W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

PATENT SYPHON W.C. BASIN.

Combining W.C. Basin, Urinal, and Slop Sink.



No. 2.—Complete, including Porcelain Basin and Trap in one piece, White or Ivory; with Paper Box; Patent Rubber Connection to Supply Pipe; Patent Porcelain-Metal Wiped Joint to Outlet and Double Lead Bend (unattached); Tankwood Seat, best quality; No. 13 Syphon Cistern, 3 gallons, painted, and Brackets; Chain Pull and Handle. Price on Application.



No. 3.—Complete, including Strong Fire Clay Basin, Porcelain Enamelled inside; with Paper Box; Patent Rubber Connection to Supply Pipe; Patent Porcelain-Metal Wiped Joint to Outlet and Double Lead Bend (unattached); Birch Seat; No. 13 Syphon Cistern, 3 gallons, painted, and Brackets; Chain Pull and Handle. Price on Application.

Stock kept at 60, Dharamtala, of Cast-iron, Enamel, and Japanned Baths, Urinals, Plugs, and Tip-up Wash Basins, Sinks, Valve Closets, Ball Valves, Spring, Plug and Screw-down Cocks, Unions, Bath Valves, &c., &c.



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, }

CALCUTTA.

## CABINET FOLDING LAVATORIES,

suitable for positions where  
space is limited

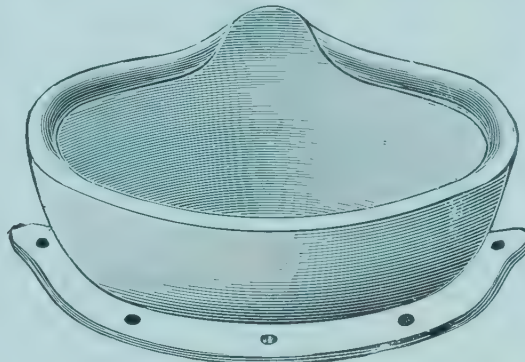
Suitable for Ships, Offices, Yachts, Railway  
Carriages, where direct water supply  
is not obtainable.

### No. 21.—TEAKWOOD.

Including Zinc Supply Tank, Portable  
Receiver, Self-closing Supply Tap,  
White Basin (oval), Soaps, Mirror,  
Toilet Shelves, and Bottom Cupboard.

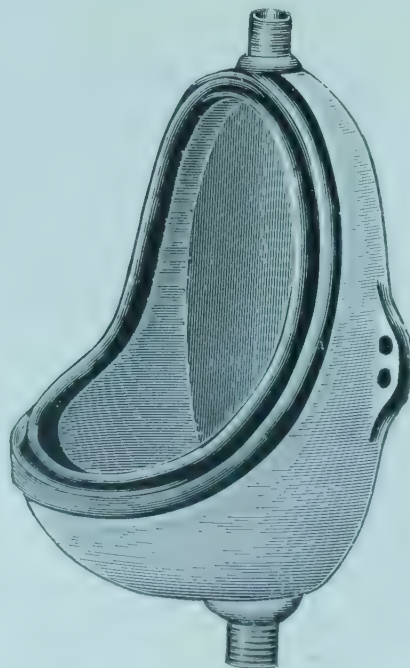
Price, Rs. 85-0.

### No. 590.—Folding "Tip-up" Basin.

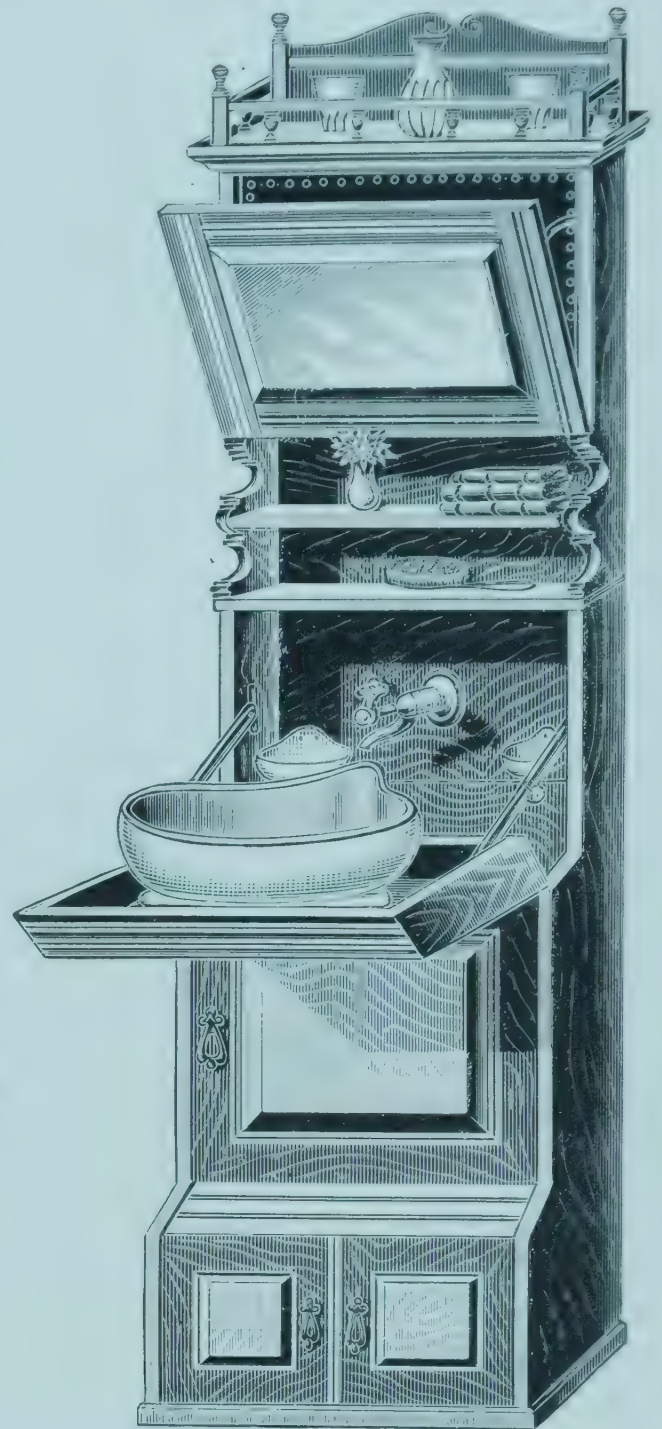


Front to end of Lip, 15-in. ; across, 14½-in.  
Height, 5½-in.

### URINALS (White).



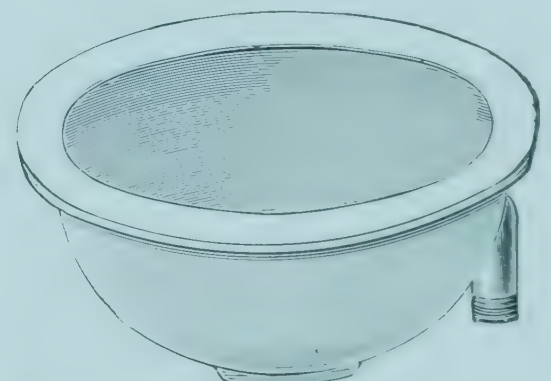
Flat and Corner. With perforated rim and  
spreader. Prices on application.



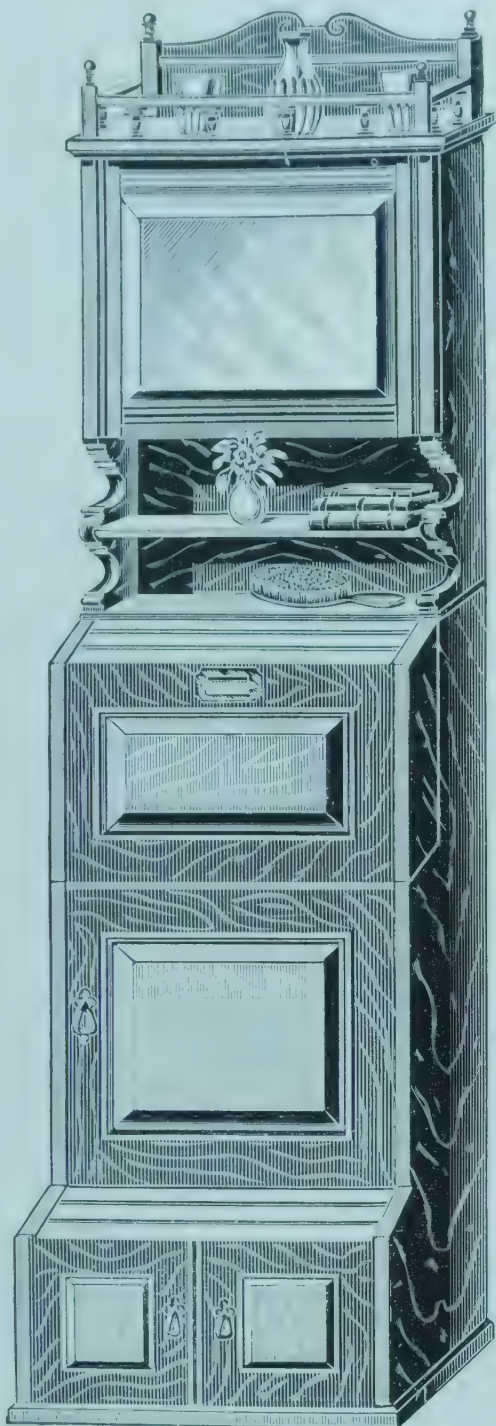
No. 21.—OPEN.

### PORCELAIN PLUG BASINS.

Note.—Dimensions of Plug Basins  
are over all.

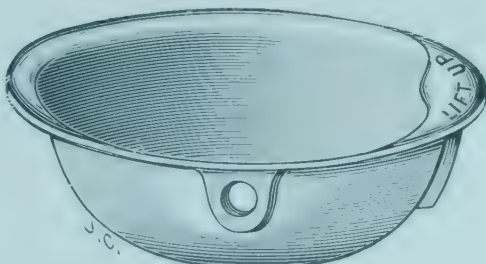


Sizes ... ins. 12 ... 14 ... 16 ... 18 dia.  
Prices ... Rs. 3-8 ... 4-0 ... 5-8 ... 7-12 each.  
Plugs and Washers from Rs. 13-8 to  
17-8 per dozen.



No. 21. CLOSED.

### "TIP-UP" BASINS and RECEIVERS.



Two Sizes.

14-in. Basins and Receivers	...	Rs. 25-0
16-in. " "	...	Rs. 32-8

We carry a complete Stock of Sanitary Appliances at 60, Dharamtala Street.



W. LESLIE &amp; CO.,

{ 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-0, CHOWRINGHEE ROAD, }

CALCUTTA.

## COMMERCIAL ROLL TOP DESKS.

The Woods are quartered oak, and are especially selected from the best obtainable.

The Curtain is our special re-enforced dust and knife-proof with tumbler spring lock, locking all drawers automatically.

The Writing Bed is made of our special three-ply built-up stock, in a heavy frame. The finished surface of this stock is made of finest figured wood only.

The Pigeon Hole Case is of same wood as desk.

The Pedestals are made detachable from bed. Drawers are fully finished and partitioned. Pedestals closed at bottom to keep out dust and mice. Slides which enables the user to increase table room over 33 per cent. One deep drawer partitioned for books. Ball bearing Castors.

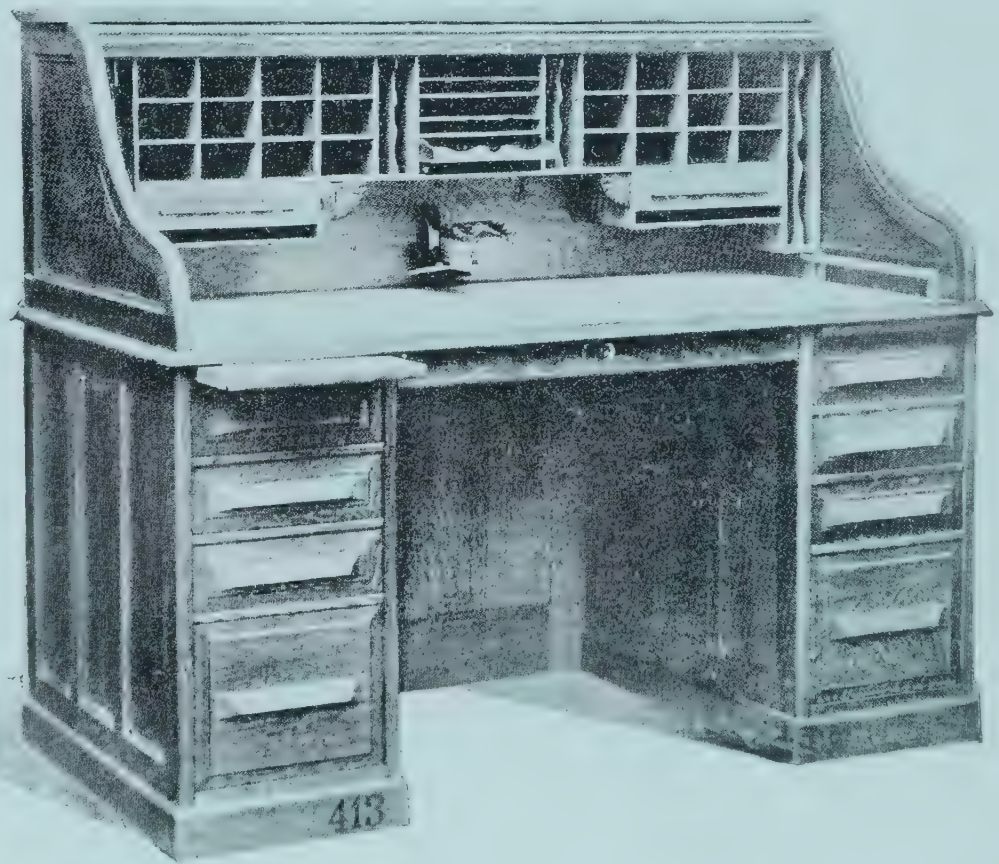
The Finish is our special hand polish which gives such universal satisfaction. No finer material or finish is put on any desk, at any price.

REPRESENTS THE  
HIGHEST DEVELOPMENT  
OF THE  
DESK MAKERS' ART  
IN BOTH  
UTILITY AND BEAUTY.

SWELL FRONT PEDESTALS.

EXTRA HEAVY CONSTRUCTION.

OFFICE CHAIRS, Rs. 32-0.



SIZE.			WEIGHT.	WEIGHT.	PRICE.
Wide.	Deep.	High.	Net.	Gross.	
50-in.	32-in.	50-in.	250 lbs.	350 lbs.	Price, Rs. 175-0 each.
54-in.	32-in.	50-in.	285 lbs.	400 lbs.	" 200-0 "
60-in.	30-in.	50-in.	400 lbs.	...	" 275-0 "
72-in.	38-in.	50-in.	475 lbs.	...	" 350-0 "



W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
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41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD, } CALCUTTA.

### KROPP RAZORS.

Real German Hollow-Ground.

ALWAYS  
READY FOR  
USE.



Price .. Rs. 4-4 each.

NEVER  
REQUIRE  
GRINDING.

### KROPP RAZORS.

Sheffield Make.

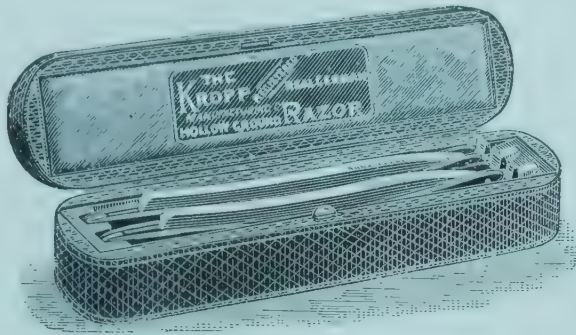
ALWAYS  
READY FOR  
USE.



Price ... Rs. 4-4 each.

The edge of the KROPP REAL GERMAN HOLLOW-GROUND RAZOR resembles the fine teeth of a saw, as can be plainly seen by the aid of a powerful glass. It may be noted that placing the blade in hot water immediately before shaving improves the cutting power of a Razor, for the reason that heat causing expansion in metals, the teeth of the saw close up, as it were, and the finest edge is obtained.

### PAIR OF KROPP RAZORS.



In handsome upright Russia leather case ... Rs. 10-8 per pair.

### PAIR OF KROPP RAZORS.



In handsome flat Russia leather case ... Rs. 10-8 per pair.

### RAZOR PASTE.



Price ... .. As. 8 per box.

### KROPP RAZOR STROPS.



Kropp's Cushion Strop, 12½-in., real Morocco case, superior quality, Rs. 3-8.



Kropp's Duplex Graduating Strop, 12½-in. specially prepared Russia leather and canvas ... Rs. 5-12 each.

### KROPP'S SHAVING BRUSH.

BADGER HAIR.



Best Quality ... .. Rs. 4-8, 5-8, and 7-8

### SHAVING SOAP.



In metal cases ... .. As. 8 each.

Terms—Net Cash.

For complete line of Pocket Knives and Razors see Furnishing Catalogue.

Terms—Net Cash.



W. LESLIE &amp; CO.,

2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
2-6, CHOWRINGHEE ROAD,

CALCUTTA.

## POCKET CUTLERY.

Sheffield Made.

DRAWN HALF SIZE.

Sheffield Made.

KEEN CUT CUTLERY.—Every Knife Warranted, and exchanged if found faulty.

2818 x 2 blade,  
Stag - Rs. 1-82616 x 2 blade,  
Stag - Rs. 1-122599 x 3 blade,  
Stag - Rs. 2-44074 x 2 blade,  
" x 3 blade,  
Cocoa - Rs. 2-12  
" - Rs. 3-49650½ x 2 blade,  
" x 3 blade,  
Cocoa - Rs. 2-12  
" - Rs. 3-129384½ x 2 blade,  
Ivory - Rs. 1-42614 x 2 blade,  
Ivory - Rs. 1-89459 x 2 blade,  
Ivory - Rs. 2-12

## POCKET CUTLERY.

Sheffield Made.

## SPORTSMAN'S CUTLERY.

Sheffield Made.

## BUDDING KNIVES.

Sheffield Made.

9848 x 2 blade,  
Nickel - Rs. 1-89847½ x 2 blade,  
Nickel - Rs. 1-89831 - Sportsman  
Nickel - Rs. 5-49617 - Sportsman  
Nickel - Rs. 6-07792½ - Budding  
Rs. 2-89504 - Budding  
Rs. 3-12

Terms—Net Cash.

The above are a few of our Special Knives.

Terms—Net Cash.

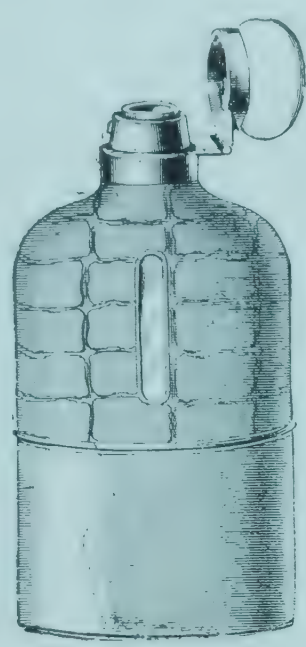


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
3-6, CHOWRINGHEE ROAD. } CALCUTTA.

SPIRIT FLASKS

No. 938.

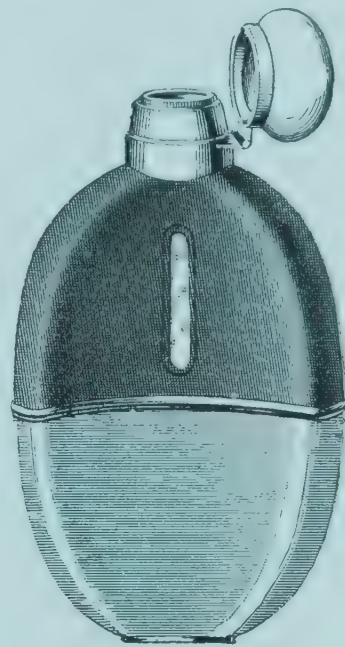
HALF-COVERED  
CROCODILE LEATHER.



Sizes ...  $\frac{3}{4}$  ... 1 ...  $1\frac{1}{4}$  pint.  
Price, Rs. ... 12-8 ... 14-0 ... 17-8 each.

No. 916.

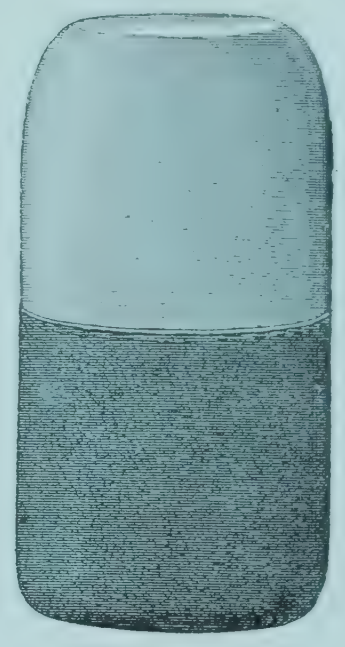
HALF-COVERED  
MOROCCO LEATHER.



Sizes ...  $\frac{1}{2}$  ...  $\frac{3}{4}$  pint.  
Price, Rs. ... 13-8 ... 15-0 each.

No. 900.

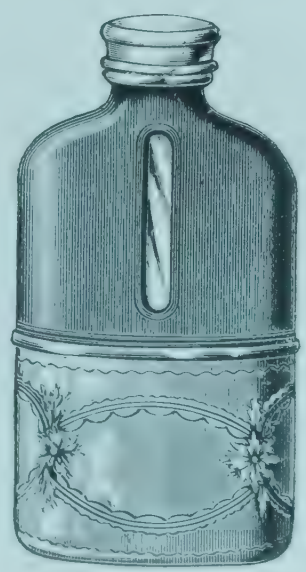
METAL B. M.  
CUP OVER TOP.



Sizes ...  $\frac{1}{2}$  ...  $\frac{3}{4}$  ... 1 ...  $1\frac{1}{4}$  pint.  
Price, Rs. ... 3-8 ... 4-8 ... 5-8 ... 6-12 each.

No. 99S.

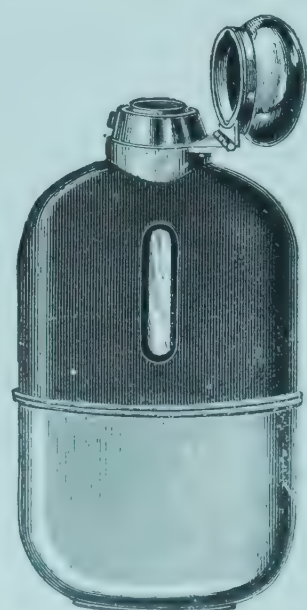
HALF-COVERED  
MOROCCO LEATHER.



Sizes ..  $\frac{3}{4}$  ... 1 ...  $1\frac{1}{4}$  pint.  
Price, Rs. ... 5-0 ... 6-0 ... 7-0 each.

No. 902.

HALF-COVERED  
MOROCCO LEATHER.



Sizes ...  $\frac{1}{2}$  ...  $\frac{3}{4}$  ... 1 pint.  
Price, Rs. ... 11-8 ... 13-0 ... 15-0 each.

No. 975.

HALF-COVERED CROCODILE  
LEATHER CUP OVER TOP.

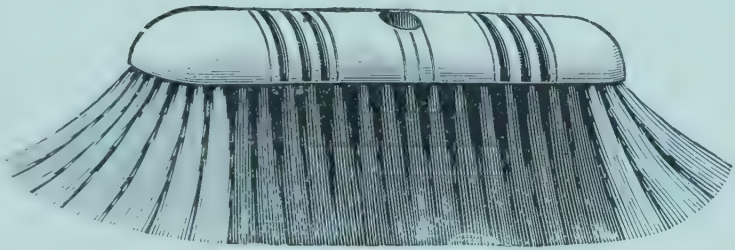


Sizes ...  $\frac{3}{4}$  ... 1 pint.  
Price, Rs. ... 7-8 ... 8-4 each.

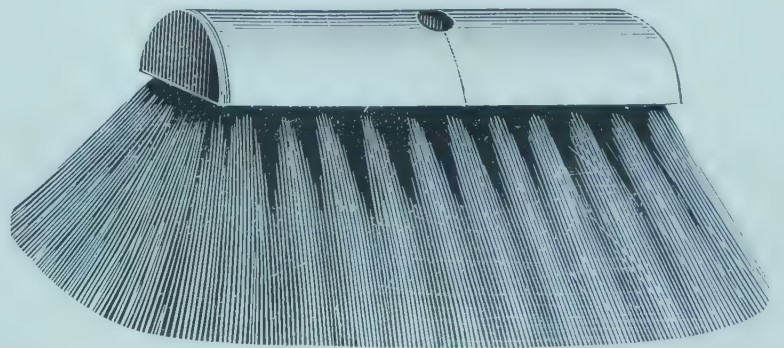


# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD. } CALCUTTA.

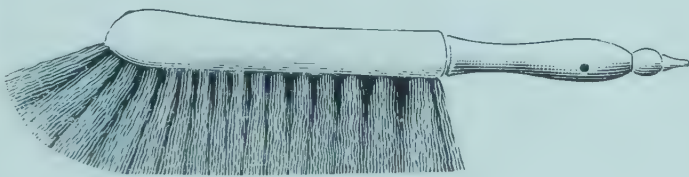
## HOUSEHOLD, STABLE, WHITEWASH, PAINT AND VARNISH BRUSHES.



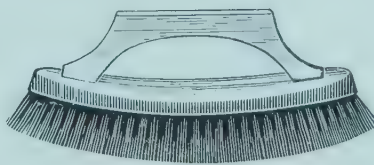
Hair Broom, Rs. 3-8 each.



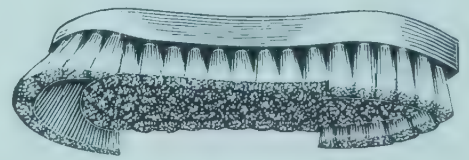
Bass Broom, Rs. 1-10.



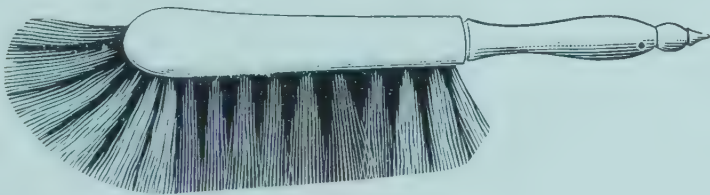
Whisk Banister, Rs. 1-4 each.



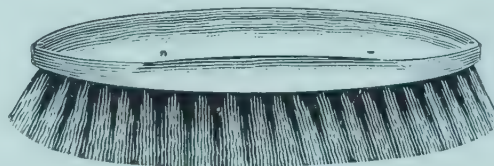
Stove Brush, Rs. 0-12.



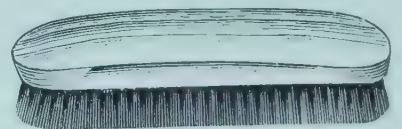
Scrubbing Brushes, in Bass and Fibre, As. 0-12.



Hair Banister, No. 2, Rs. 1-4 each ; No. 3, Rs. 3-0 each.

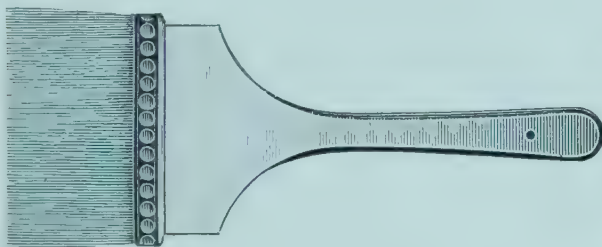


Whisk and Bass Dandy Brushes, As. 0-14 each.

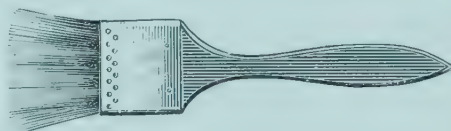


Shoe Brush, Rs. 1-0 each.

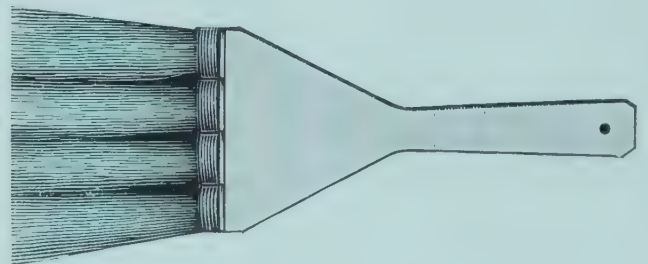
### VARNISH BRUSHES.



Whitewash Brushes, Rs. 1-8 each.



I ... 1 1/2 ... 2 ... 2 1/2 ins.  
Rs. 0-8 0-10 1-0 1-4



Whitewash Brushes, 3 knots, Rs. 1-12 ; 4 knots, Rs. 2-4.

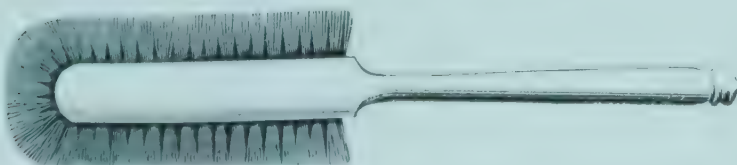


Tinned Wire Bound ... 2 ... 4 ... 6 ... 8 ... 10 ... 12 ... 14 ... 16 ... 18 ... 20  
Rs. 21-0 24-0 27-0 doz.  
Copper " " " 25-0 27-8 31-8 " " " Copper " " 4-4 6-8 9-0 14-0 18-0 22-0

Sash Tools, Twine Bound, 2 ... 4 ... 6 ... 8 ... 10 ... 12 ... 14 ... 16 ... 18 ... 20  
Rs. 1-8 2-12 4-8 7-8 9-0 12-0 14-0 16-8 20-0 24-0 doz.  
Copper " " " 4-4 6-8 9-0 14-0 18-0 22-0



### SCOTCH SPOKE BRUSH.



Scotch Spoke Brushes, half round, grey bristles, superior quality, polished stocks. Price, Rs. 7-8 each.

### BOTTLE BRUSHES.



Bottle Brushes, as illustrated. Price, As. 10 each.

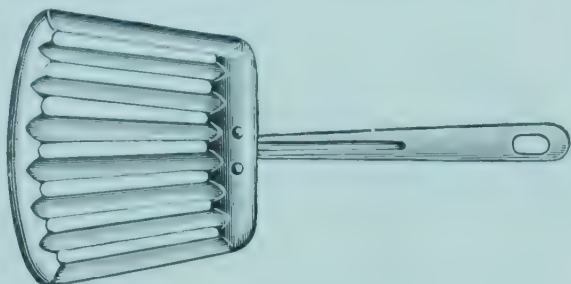


W. LESLIE & CO., { 2, CHOWRINGHEE ROAD,  
47, MUTTY LALL SEALS STREET,  
41, DHARAMTALA STREET,  
3-6, CHOWRINGHEE ROAD. } CALCUTTA.

LIGHT AND CLEAN!

NO LEAD POISON!

### ALUMINIUM GRIDIRONS.



Aluminium Gridirons as illustrated, Rs. ... 6-4 each.

### ALUMINIUM STOCK POT, For Restaurants, Hotels, and Ships' Use. No Copper Contamination.



No. 12.—SAME DEPTH AS DIAMETER.

	10	12	14-in. diameter.
Capacity ...	3	5	8 gallons.
No. 12 W.G. thick, Rs. ...	55-0	75-0	90-0 each.

### ALUMINIUM FISH KETTLE, Hand-Made, with Tinned Steel Cover and Drainer.



No. 14.—WITH SIDE HANDLES.

Size ...	16	18	20-inch.
Wired Edge, 20 W.G. Rs. ...	30-0	43-0	50-0 each.

No Copper Contamination.

### PURE ALUMINIUM TUMBLERS, Polished Inside and Outside.



B 10186, Rs. ... 2-4 1 pint.  
2-12 each.

### STRONG DEGCHIES, OR INDIAN COOKING POTS, With Shallow Plates as Lids.

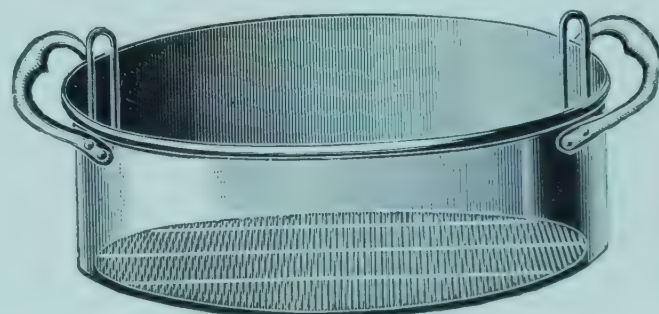


No. 60.

Diameter ...	7	8	9	10	11	12-inch.
Depth ..	5½	6	6½	7	7½	8-inch.
Rs. ...	6-12	8-12	10-0	11-8	14-8	17-8 each.

Prices for other sizes on application; also for Indian Lotas,  
Chatties, &c.

### ALUMINIUM FISH FRYER, Hand-Made, with Tinned Wire Drainer.



No. 13.—WITH SIDE HANDLES.

Size ...	14	18-inch.
Price, Rs. ...	22-8	30-0 each.

Makers of Native Cooking Pots of all shapes.

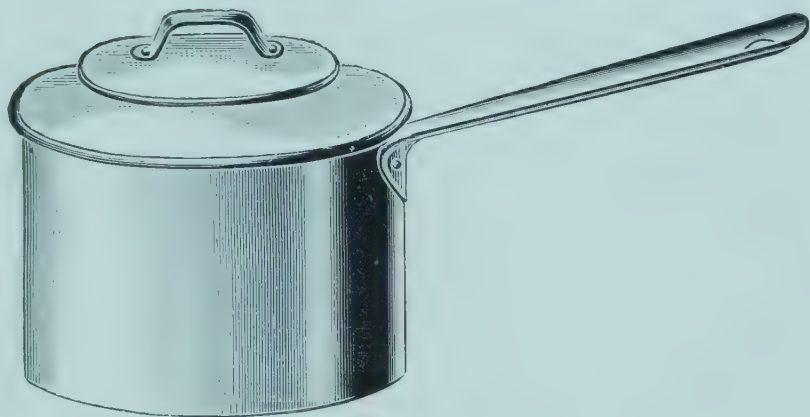
No Blood-poison.



# W. LESLIE & CO., { 2, CHOWRINGHEE ROAD, 47, MUTTY LALL SEALS STREET, 41, DHARAMTALA STREET, 2-6, CHOWRINGHEE ROAD, } CALCUTTA.

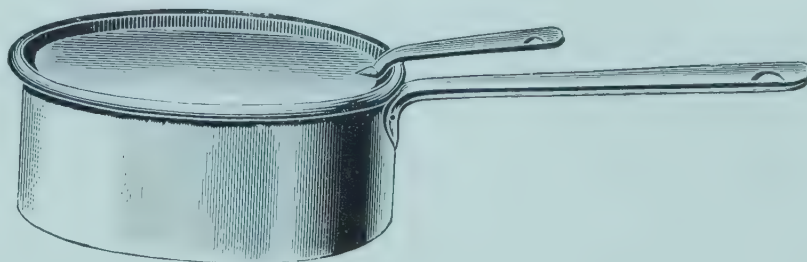
NO LEAD POISON! LIGHT and CLEAN! NO COPPER CONTAMINATION!

## ALUMINIUM SAUCEPANS & COVERS.



Price, Rs. each	4	5	5 $\frac{3}{4}$	6 $\frac{1}{2}$	7 $\frac{1}{2}$	8 $\frac{1}{2}$	9	9 $\frac{1}{2}$
Diameter, ins....	1	2	3	4	6	8	10	12
Capacity, pints	3-12	4-12	5-14	6-12	8-4	9-0	14-0	17-0

## ALUMINIUM STEWPANS & COVERS.



No. 2.

Diameter, ins.	6	7	8	9	10	11	12
Price, Rs. each	4-12	5-4	6-4	7-12	9-0	13-12	18-0

## ALUMINIUM ROUND KETTLE,

Body without Seam.

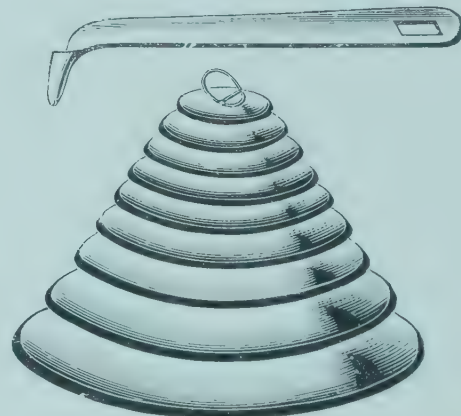
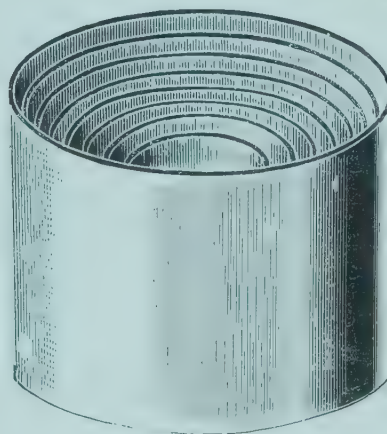


No. 7.

Capacity, pints ...	2	...	4	...	7
Price, Rs. each ...	11-4	...	13-8	...	18-8

## ALUMINIUM SAUCEPANS & COVERS,

To Nest, for Camp Use.

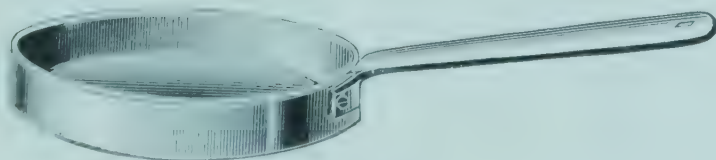


No. 5.

Capacity, pints ...	2	...	3	...	4	...	6	...	8	...	10
Price, Rs. each ...	4-8	...	5-0	...	6-4	...	7-12	...	9-0	...	10-0

## ALUMINIUM CUTLET PAN,

or Saute Pan.

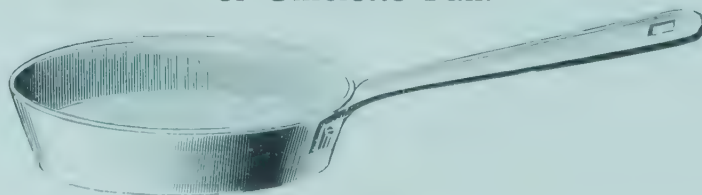


No. 17.

Size, ins. ...	8	...	9	...	10	...	11	...	12
Price, Rs. each...	4-12	...	5-4	...	6-14	...	8-0	...	9-0

## ALUMINIUM FRYING PAN,

or Omelette Pan.



No. 18.

Size, ins....	...	...	7	...	8	...	9	...	10
Price, Rs. each	...	...	3-8	...	4-8	...	5-12	...	6-8



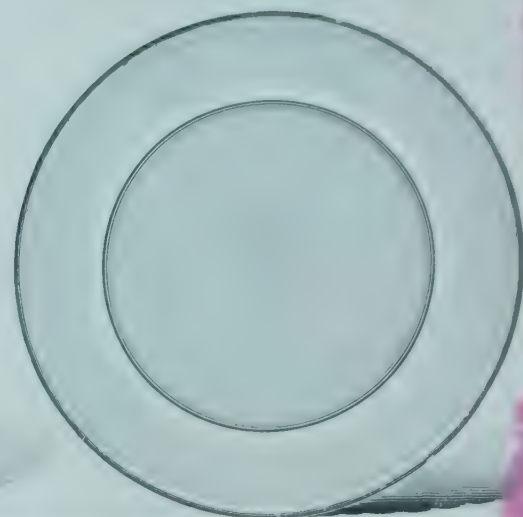
N.B.—Single pieces are sold. Breakages can be replaced and sets made complete at a small cost.

## DINNER SERVICES.

### PEARL WHITE DINNER SERVICE, "Louvre" Pattern.

Complete Service for 12 persons, 70 pieces.

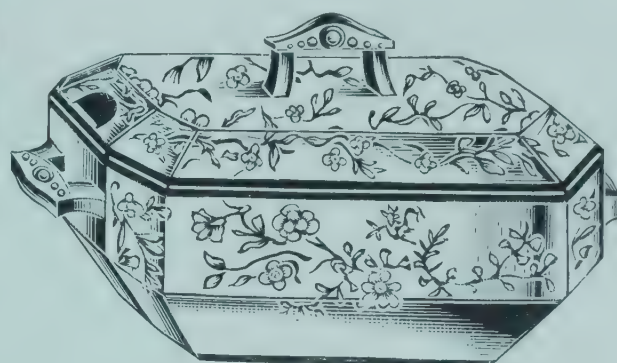
Quarter Plates ...	Rs. 1-12 per dozen.
Half " ...	" 2-8 "
Dinner " ...	" 3-0 "
Soup " ...	" 3-0 "
Joint Dishes, 12-in. ...	" 1-0 each.
" 14-in. ...	" 1-4 "
" 16-in. ...	" 1-12 "
" 18-in. ...	" 2-12 "
Vegetable Dishes ...	" 2-0 "
Sauce Tureen, Cover & Stand ...	" 2-4 "
Sauce Boat ...	" 1-0 "
Soup Tureen, Cover & Stand ...	" 7-0 "



### BLUE "Persian" DINNER SERVICE WITH GILT EDGES.

Complete Service for 12 persons  
70 pieces.

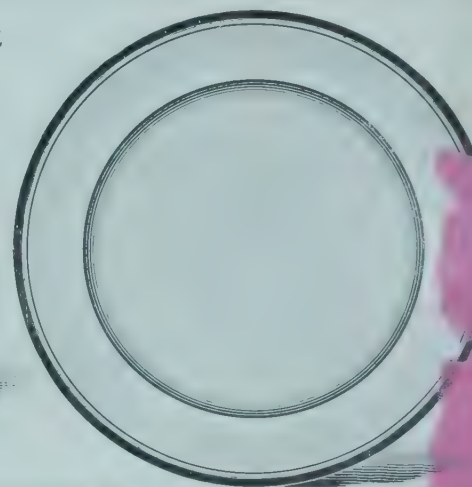
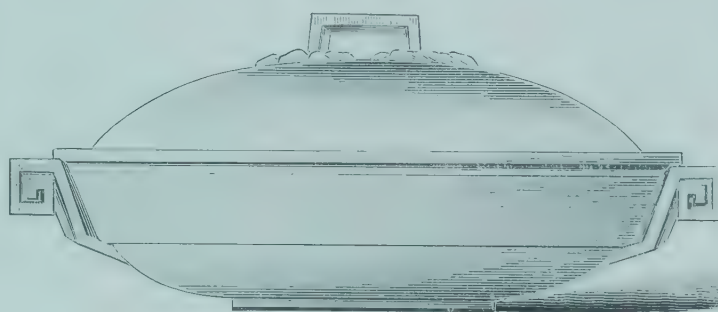
Quarter Plates...	Rs. 3-0 per doz.
Half " ...	" 3-8 "
Dinner " ...	" 4-0 "
Soup " ...	" 4-0 "
Joint Dishes, 12-in. ...	" 1-12 each.
" 14-in. ...	" 2-4 "
" 16-in. ...	" 3-0 "
" 18-in. ...	" 4-0 "
Vegetable Dishes ...	" 3-8 "
Soup Tureen, Cover and Stand ...	" 3-8 "
Sauce Boat ...	" 1-0 "



Complete Service for 12 persons,  
70 pieces.

Quarter Plates ...	Rs. 3-0 per doz.
Half " ...	" 3-8 "
Dinner " ...	" 4-0 "
Soup " ...	" 4-0 "
Joint Dishes, 12-in....	" 2-0 each.
" 14-in....	" 3-0 "
" 16-in....	" 3-8 "
" 18-in....	" 4-0 "
Vegetable Dishes ...	" 3-12 "
Sauce Tureen, Cover and Stand ...	" 4-0 "
Salad Bowl and Stand ...	" 4-8 "
Soup Tureen, Cover and Stand ...	" 12-8 "
Sauce Boats ...	" 1-8 "

### TORQUOISE BAND AND MAROON LINE DINNER-WARE.

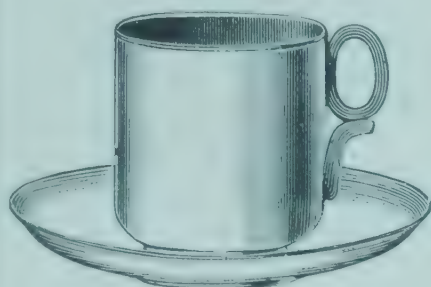


Quality Good.

## PEARL WHITE CHINA CUPS AND SAUCERS.

Prices Cheap.

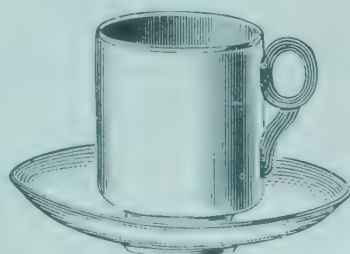
Worcester Breakfast Cups & Saucers,  
As illustrated.



BREAKFAST.

Price, Rs. 6-8 per dozen.

Worcester Tea Cups & Saucers,  
As illustrated.



TEA.

Price, Rs. 5-0 per dozen.

Worcester Coffee Cups & Saucers,  
As illustrated.



COFFEE.

Price, Rs. 4-8 per dozen.

Brown Rockingham Teapots.



Sizes ... 3 4 5 6 cups

Price, Rs. 0-8 0-10 0-12 0-14 ea.

We have  
complete  
line  
Earthen  
ware of  
medium  
quality at  
moderate  
prices.

Terms—Net Cash.

For complete lines in Earthenware see Furnishing Catalogue.

Terms—Net Cash.







Accno 2338







